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FARMER SEED AND NURSERY CO.

FARIBAULT, MINN. 1943

NEW FIRESTEEL TOMATO

Vitamin Rich—Delightful Flavor
A new fire-red tomato, combining best features of Extra Early Bison and Pritchard's Scarlet Topper. Produces heavily, even in dry seasons when others fail. Fruit is smooth, medium sized, globular, very uniform, practically free from cracks. Ripens in 65 days. (Pg. 24).

15c
PKT. 1/2 oz. 40c,
oz. 70c, ppd.

Extra Choice New HARDY ASTERS

BLUE GOWN—Large showy lavender-blue
MR. RAINIER—Finest pure white Aster
ADORABLE—Lovely deep salmon-pink
BEECHWOOD CHALLENGER—Best crimson-red
STRAWBERRIES AND CREAM—Buds open deep pink, changing to lighter pink as flowers develop
YOUR CHOICE:
3 plants, postp'd, \$1.00

5 PLANTS

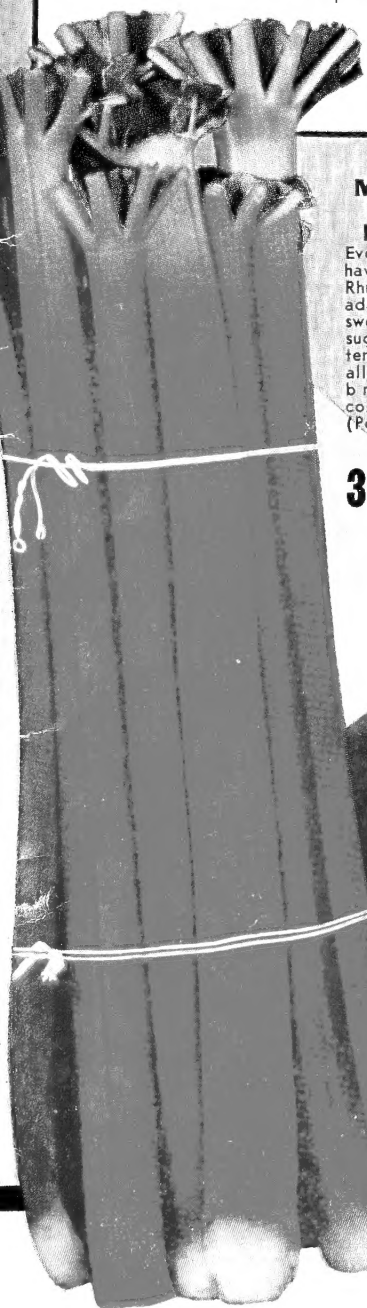
\$1.50

NEW MacDONALD RED RHUBARB

Every garden should have this new model Rhubarb from Canada. It's earlier, sweeter—takes less sugar. Very large, tender, succulent, all red stalks with bright raspberry color when cooked. (Pg. 26.)

12 for \$2.75.
Prepaid.

3 for 85c



MacDONALD RED RHUBARB



FIRESTEEL
TOMATO

NEW KOREAN BUSH CHERRIES

A beauty for your yard! A mass of bluish blossoms in spring—loads of luscious, bright red pie cherries in fall—often bear 2nd year! (Pg. 33). \$1.35 each, 2 plants \$2.25, 4 for \$3.95, Ppd. FREE: Pollinator plant with each order.

Make Your Yard a

★ ★ ★ **WONDERLAND!**



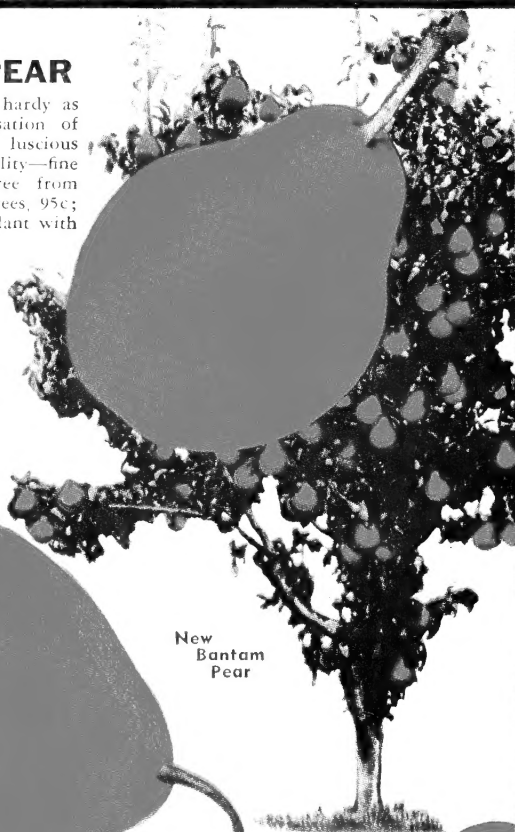
ROSALIA TREE Truly a "traffic stopper"! Its sensational mass of bloom makes any yard a "Wonderland." Blood-red buds followed by a profusion of large, single deep rose blossoms. Crab-apple-like fruit makes fine jelly. 5-7 ft. trees \$1.25; 4-6 ft. 95c, by Exp. not ppd.

NEW BANTAM PEAR

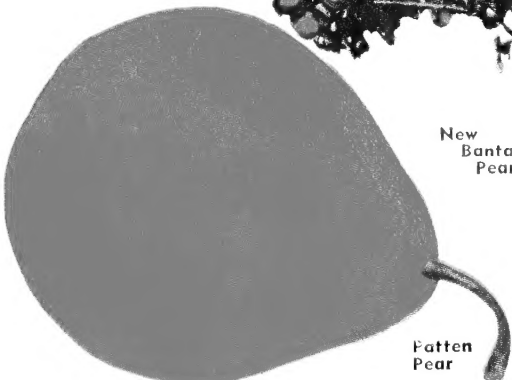
At last, delicious eating pears, hardy as Duchess Apples! A new sensation of Minn. Fruit Farm. Flavorful, luscious fruit—not large, but superb quality—fine grained, sweet and juicy. Free from blight, ideal for lawn. 5-7 ft. trees, 95c; 4-6 ft. 85c, by Exp. not ppd. Plant with a Patten Pollinizer Pear.

PATTEN PEAR

Another "luxury pear"—hardy for the North. An ideal pollinator for Bantam. Fruit is of good size, resembles Bartlett in form and color. Very tender, juicy and delicious. Superb dessert quality. 5-7 ft. trees 95c; 4-6 ft. trees 85c each, by Exp. not ppd.



New Bantam Pear

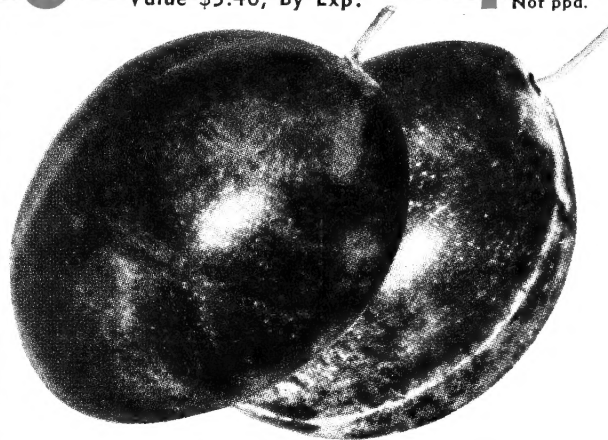


Patten Pear

Wonderland Collection **6** TREES, Large Size (One of each below) Val. \$5.35 \$6.60, By Exp. Not ppd.

- | | |
|--------------------|---|
| 1 Mt. Royal Prune | } Large Size: 4-5 ft.
Medium Size: 3-4 ft. |
| 2 Nanking Cherries | |
| 1 Bantam Pear | } Large Size: 5-7 ft.
Medium Size: 4-6 ft. |
| 1 Patten Pear | |
| 1 Rosalia Tree | |

6 TREES, Medium Size (One of each above) Value \$5.40, By Exp. **\$4.25** Not ppd.



Mt. Royal Blue Prune

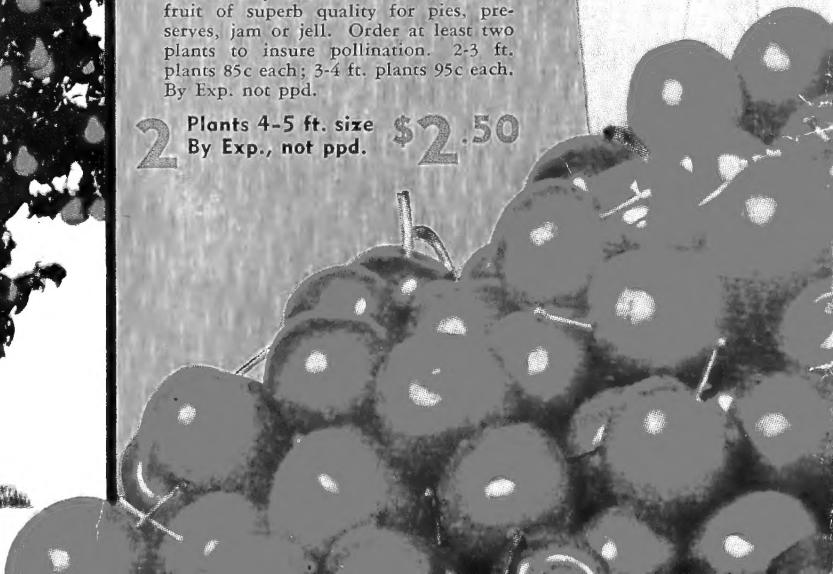
A new treat for northern fruit growers! Proven hardy in Minn. State trials, it bears early and abundantly all by itself (self pollinating). Delicious, eaten fresh or canned. Gather this beautiful royal fruit in your own yard. 3-4 ft. trees 80c each; 4-5 ft. trees 95c, by Exp. not ppd.

NANKING Cherries

A "beauty shrub" for your lawn that bears great crops of fine cherries! Fruit is so abundant it takes but a few minutes to pick a quart or two in your own yard, for making fresh cherry pie or sparkling jelly.

The shapely bushes grow 7 ft. tall, work well into a planting about the house or shrub border. Apple-blossom pink buds appear very early and open to pure white. Nanking starts bearing 2nd year and by the 3rd season branches are literally covered with bright red fruit of superb quality for pies, preserves, jam or jelly. Order at least two plants to insure pollination. 2-3 ft. plants 85c each; 3-4 ft. plants 95c each. By Exp. not ppd.

2 Plants 4-5 ft. size By Exp., not ppd. **\$2.50**



NOTE—These prices are exceptionally low and may have to be advanced at any time—Order Early.

BLUE FIGURE PRICE LIST

Prices subject to market changes, stocks being unsold; bags included in weight.

THE FARMER SEED & NURSERY CO. desires satisfaction for every customer. Complaints, if justified, will be adjusted to the amount remitted. However, since the results from seeds, trees, bulbs, or plants are subject to hazards of weather, climate, soil and cultural practices, over which we have no

control, THE FARMER SEED & NURSERY CO. will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed. If the purchaser does not accept goods on these terms, they are to be returned at once. All prices are F. O. B. Faribault.

FARMER SEED & NURSERY CO., FARIBAULT, MINN. Jan. 26, 1943

EXCEPTIONAL LOT OFFERS FOR EARLY ORDERS

LOT "POWER" HYBRID CORN

This "Special Lot" has exactly the same inheritance, purity and germination as our No. 1 Registered Seed. It consists of the thick kernels, graded from our Registered Hybrids. These "thicks" are evenly graded and germinate 90% or better. Nothing finer for drilling, for silage or for "hogging off." Use your medium or small plates.

Group A—EARLY MATURITIES:
Minhybrids 800, 702, & 602
Master F-20, F-40, F-60, & F-61

Group B—LATER MATURITIES:
Minhybrids 502 & 405
Master F-101, F-102, F-105

Our selection of varieties within the Group.

Your Choice

Any Group

\$3.00

Per Bu.

ORDER EARLY!

Seed is the foundation of food. Many items are short this year. Transportation service is somewhat slower, due to tremendous war shipments. Therefore, we strongly urge that you order early! We will do our part to provide the quickest service in our power to supply.

LOT "GOLDEN"

MINNESOTA TIMOTHY

Bright, A-1 quality. Minnesota seed—99.25% pure, germination 90%—and no noxious weeds. May be seeded for hay or pasture and fits well into rotations. It's cold resistant, produces well, catches easily. Very palatable to all livestock, withstands grazing and tramping well.

Order Early: This special lot of 8,000 lbs.: while unsold, 25 lbs., \$1.85; 50 lbs., \$3.50; 100 lbs., \$6.75.

LOT "SPEED"

TURCHAI PROSO MILLET

50 to 70 bu. of seed, plus 3 tons of hay per acre on heavy soil (U. S. D. A. report). One of richest feeds for hogs, cattle and sheep. Contains 17% protein. A better egg producer in poultry, and better weight builder in turkeys, than other grains or corn. Can be grown after taking off early peas, and still ripen before frost. A money-maker in the booming Dairy and Poultry Production Program.

This special lot of 10,000 lbs. only,—while unsold: 25 lbs., \$1.15; 50 lbs., \$2.00; 100 lbs., \$3.75.

LOT "RICH"

YELLOW BLOSSOM SWEET CLOVER

Exceptionally fine seed 99% pure. Germ. 95%. Records show your cattle can earn \$17.30 per head MORE than those not pastured on Sweet Clover. Get your share of the booming Northwest Dairy income with this enriched, high-protein feed.

Only 10,000 lbs. in this lot—act promptly. Bu., \$6.70; 100 lbs., \$11.00.

LOT "CANTEEN"

MINNESOTA EARLY AMBER CANE

Relieve the Sugar Shortage—Plant Cane for Syrup!

Minn. grown Early Amber is superior to that grown elsewhere. It's very early, hardy, of fine quality, and yields 12 to 15 tons of cane per acre. Makes 175 to 200 gallons of delicious, rich golden yellow syrup from 1 acre! Grows 8 to 10 ft. high, making succulent fodder. To produce tremendous crops of quality feed or silage, plant 2 rows of Cane with each 2 rows of fodder corn.

Only 10,000 lbs. in this lot—Order Early: 25 lbs., \$1.40; 50 lbs., \$2.50; 100 lbs., \$4.75.

MINNESOTA-GROWN CLOVER

SUPER-HARDY—FREE FROM NOXIOUS WEEDS

(Bu. 60 lbs.) Prices include sacks	Peck	Bu.	100 Lbs.
MEDIUM RED CLOVER			
Master Farmer	\$ 4.45	\$17.25	\$28.50
Fancy	4.40	16.95	28.00
NEW CUMBERLAND MEDIUM RED CLOVER			
Washington Certified	4.70	18.15	30.00
MAMMOTH CLOVER			
Master Farmer	4.55	17.55	29.00
WHITE DUTCH CLOVER (See Page 79)			
Master Farmer	10.70	42.15	70.00
ALSIKE CLOVER			
Master Farmer	4.45	17.25	28.50
Fancy	4.40	16.95	28.00
SWEET CLOVER, WHITE BLOSSOM			
Master Farmer	2.15	7.95	13.00
Fancy	2.00	7.35	12.00
SWEET CLOVER, YELLOW BLOSSOM			
Master Farmer	2.15	7.95	13.00
Fancy	2.00	7.35	12.00
SWEET CLOVER, GRUNDY COUNTY			
Master Farmer	2.05	7.65	12.50
SWEET CLOVER, HUBAM ANNUAL WHITE			
Master Farmer	2.90	10.95	18.00

ALFALFAS—U. S. VERIFIED ORIGIN

(Registered and State Sealed Grimm is put in 30-lb. and 60-lb. bags.)

Prices include sacks	Peck	Bu.	100 Lbs.
DAKOTA NO. 12, MONTANA			
Master Farmer	\$ 6.95	\$27.15	\$45.00
GRIMM, MONTANA REGISTERED	7.85	30.75	51.00
GRIMM, IDAHO REGISTERED BLACKFOOT	8.15	31.95	53.00
VARIEGATED MONTANA			
Master Farmer	7.25	28.35	47.00
COSSACK, MONTANA			
Master Farmer	7.25	28.35	47.00
LADAK, MONTANA			
Master Farmer	7.40	28.95	48.00
LADAK, MONTANA REGISTERED	8.15	31.95	53.00

HARDY GRASSES

Prices include sacks	25 Lbs.	50 Lbs.	100 Lbs.
TIMOTHY			
Master Farmer	\$ 2.00	\$ 3.75	\$ 7.25
Fancy	1.95	3.65	7.00
TIMOTHY & ALSIKE MIXTURE			
20-25% Alsike	3.35	6.35	12.50
30-35% Alsike	3.95	7.60	14.00
BROME GRASS—MASTER FARMER			
Canadian No. 1	4.25	8.15	16.00
REED CANARY GRASS			
Fancy	7.75	15.15	30.00
CRESTED WHEAT GRASS, MASTER FARMER			
Fairway Strain, Canadian No. 1	4.00	7.65	15.00
DOMESTIC RYE GRASS			
Master Farmer	2.85	5.40	10.50
Prices include sacks	25 Lbs.	50 Lbs.	100 Lbs.
KENTUCKY BLUE GRASS			
Master Farmer	\$ 5.25	\$10.15	\$20.00
Fancy	5.10	9.90	19.50
CREeping BENT			
1 lb., .85—5 lbs., \$4.00, Postpaid	17.75	35.15	70.00
MEADOW FESCUE	6.75	13.15	26.00
RED TOP			
Master Farmer	3.75	7.15	14.00
Fancy	3.60	6.90	13.50
ALL SEASON PASTURE & MEADOW MIXTURE	5.25	10.15	20.00
BROME-CRESTED WHEAT GRASS MIXTURE	6.25	12.15	24.00
MIXTURE FOR LOW WET GROUND	5.25	10.15	20.00
BROME-ALFALFA MIXTURE	6.00	11.65	23.00
PERMANENT HOG PASTURE MIXTURE	5.75	11.15	22.00
ANNUAL HOG PASTURE MIXTURE	2.05	3.85	7.50

IMPROVED SEED GRAINS

Prices include sacks	Bu.	5 Bu. @	10 Bu. @	25 Bu. @
WHEAT (Bu. 60 lbs.)				
New Rival, Rust Resistant	\$ 2.10	\$ 2.05	\$ 2.00	
Improved Thatcher, Rust Resistant	2.10	2.05	2.00	
Minutki Winter, Rust Resistant	1.95	1.90	1.85	
New Marmin, Winter, Rust Resistant	2.00	1.95	1.90	
SPELTZ OR EMMER	1.75	1.70	1.65	
BARLEY (Bu. 48 lbs.)				
Wisconsin Barless (Wis. 38 Reg.)	\$1.60	\$1.55	\$1.50	\$1.45
FLAX (Bu. 56 lbs.)				
Bison, Rust and Wilt Resistant	3.80	3.75	3.70	3.65
Red Wing, Rust and Wilt Resistant	3.80	3.75	3.70	3.65
New Biwing, Rust and Wilt Resistant Reg. 4.50 (Limit 2½ bu. per order on Biwing Flax)				
Prices include sacks	Bu.	5 Bu. @	10 Bu. @	25 Bu. @
OATS (Bu. 32 lbs.)				
Marion (from Certified Seed)	\$ 1.50	\$ 1.45	\$ 1.40	\$ 1.35
Boone (from Certified Seed)	1.50	1.45	1.40	1.35
New Vicland (from Certified Seed)	1.75	1.70	1.65	
(Limit 10 bu. per order on Vicland Oats)				
Nakota Hulless, Smut and Rust Resistant	2.10	2.05	2.00	
Gopher (from Registered Seed)	1.25	1.20	1.15	1.10
Minrus (from Registered Seed)	1.25	1.20	1.15	1.10
Iowa Select No. 52, Rust Resistant	1.25	1.20	1.15	1.10
Vanguard, Canadian Rust Resistant	1.35	1.13	1.25	1.20
WINTER RYE, IMPERIAL WIS, No. 6	1.45	1.40	1.35	
BUCKWHEAT				
Japanese	2.00	1.95	1.90	

USE ORDER BLANK IN BACK OF CATALOG

FARMER SEED & NURSERY CO'S Blue Figure Price List

MINNESOTA-GROWN SEED CORN

All Registered Seed Corn in 1-bushel, and 2-bushel State Sealed Bags. See catalog pages 68-70 for description and adaptability of varieties. Prices subject to market changes and stocks being unsold. Germination guaranteed 90% or better (State Laboratory tests show 95%-98%).

HYBRID SEED CORN

All Barbak treated and each hybrid tagged for Planter Plate Recommendations.

All Master Farmer Hybrids (except F-20) Certified and Sealed on Affidavit by Minnesota Crop Improvement Assn.

All Minhybrids Registered and Sealed by Minnesota Crop Improvement Assn.

All Master Farmer Hybrids Registered with Minnesota State Dept. of Agriculture, as per State Law.

Strictly Minnesota grown (in Rice, LeSueur, and Waseca Counties.)
L—Large M—Medium S—Small R—Rounds F—Flats

Uniform Standardized Grades

LF—over a 21 Round Screen and through a 14 Slotted Screen.
LR—over a 21 Round Screen.
MF—over a 19 Round Screen and through a 13 Slotted Screen.
MR—over a 19 Round Screen.
SF—over a 17 Round Screen and through a 11 Slotted Screen.
SR—over a 17 Round Screen.

*Important Notice!

On Jan. 4, 1943 (after most of our catalog pages had gone to press), the Minnesota Experiment Station published new MATURITY NUMBERS for all hybrids sold in Minnesota. The Minnesota Hybrid Seed Corn Law specifies that all hybrids sold in this state must now be classified accordingly. On this price list we publish the new maturities for our hybrids, as determined by the Experiment Station.

These new maturities (listed below) will also appear on the tags of every bag we ship.

Cash Prices—No Discount

HYBRID	GRADE	State Seed Matur-		Peck	1/2 Bu.	Bu.
		Germ. Test	Laboratory ity* Days			
Master F-20		98%	85-89	SOLD OUT		
Master F-40		99%	85-89	SOLD OUT		
Master F-60		98%	97-101	SOLD OUT		
Master F-61		90-96%	97-101	SOLD OUT		
Master F-80		95%	103-107	SOLD OUT		
Master F-82		98%	105-109	SOLD OUT		
Master F-101	LF or MF	98%	115-119	\$1.90	\$3.75	\$7.00
Master F-101	MR	99%	115-119	1.65	3.25	6.00
Master F-101	LR	98%	115-119	1.40	2.75	5.00
Master F-101	SF & SR	98%	115-119	SOLD OUT		
Master F-102	MF	98%	115-119	1.90	3.75	7.00
Master F-102	SF	95%	115-119	1.65	3.25	6.00
Master F-102	LF, LR, MR, SR	98%	115-119	SOLD OUT		
Master F-105	LF or MF	98%	111-115	2.25	4.50	8.50
Master F-105	SF, LR, MR, SR	95%	111-115	SOLD OUT		
Master F-106	(Ideal Hybrid Silo) LF	98%	119-123	1.65	3.25	6.00
Master F-106	(Ideal Hybrid Silo) MF, SF, LR, MR	98%	119-123	SOLD OUT		
Minhybrid 800	LF or MF	98%	85-89	2.15	4.25	8.00
Minhybrid 800	SF, LR, MR, SR	98%	85-89	SOLD OUT		
Minhybrid 702	LF or MF	99%	88-92	2.15	4.25	8.00
Minhybrid 702	SF, LR, MR, SR	98%	88-92	SOLD OUT		
Minhybrid 601	LF or MF	99%	97-101	2.15	4.25	8.00
Minhybrid 601	SF, LR, MR, SR	99%	97-101	SOLD OUT		
Minhybrid 602	LF or MF	98%	95-99	2.10	4.10	7.75
Minhybrid 602	LR	97%	95-99	1.60	3.10	5.75
Minhybrid 602	SF, MR, SR	98%	95-99	SOLD OUT		
Minhybrid 500		99%	105-109	SOLD OUT		
Minhybrid 502	LF or MF	95%	103-107	2.15	4.25	8.00
Minhybrid 502	SF, LR, MR, SR	95%	103-107	SOLD OUT		
Minhybrid 404	LF or MF	99%	107-111	1.85	3.60	6.75
Minhybrid 404	SF, LR, MR, SR	98%	107-111	SOLD OUT		
Minhybrid 405	LF or MF	98%	111-115	1.75	3.50	6.50
Minhybrid 405	SF	98%	111-115			
Minhybrid 405	LR	97%	111-115	1.25	2.50	4.50
Minhybrid 405	MR, SR	97%	111-115	SOLD OUT		

REGISTERED OPEN-POLLINATED SEED CORN

	Germ.	Peck	Bu.
GOLDEN JEWEL, Registered.....	95%	\$1.65	\$6.00
MINN. 13 CENTRAL, Registered.....	85%	1.30	4.50
MINN. 13 HANEY'S, Registered.....	82%	1.40	5.00
GOLDEN KING, Registered.....	92%	1.50	5.50

Butts and Tips from Registered Seed

	Germ.	Peck	Bu.
MINN. 13 HANEY'S.....	80%	\$0.80	\$2.50
GOLDEN KING.....	80%	.65	2.00
GOLDEN JEWEL.....	85%	.70	2.25

SILAGE AND FODDER CORN

	Germ.	Peck	Bu.
EVERGREEN SWEET FODDER (Bu. 48 lbs.).....	90%	\$1.10	\$3.95

IDEAL SILO CORN:

SPECIAL NOTICE!

The crop of our famous Ideal Silo Corn was damaged by the September freeze, and unsuitable for seed. However, we urge our customers to order the new Master F-106, Ideal HYBRID Silo Corn, developed from the open-pollinated Ideal Silo. See prices under "Hybrid Seed Corn" and full description on color page at the right.

RAPE, CANE, SUDAN GRASS, MILLET

	25 Lbs	50 Lbs	100 Lbs
Prices include sacks			
RAPE, Dwarf Essex, U. S. Grown.....	\$4.00	\$7.65	\$15.00
CANE			
Minnesota Early Amber.....	1.50	2.75	5.25
Dakota Amber, 39-30-S.....	1.50	2.75	5.25
Fodder Cane.....	1.35	2.40	4.50
SUDAN GRASS, Master Farmer.....	1.75	3.15	6.00
SUNFLOWER SEED, Mammoth Russian.....	2.80	5.35	10.50
MILLET			
Golden or German.....	1.30	2.35	4.50
Siberian.....	1.30	2.35	4.50
Japanese.....	1.30	2.35	4.50
Hungarian.....	1.35	2.50	4.75
Early Fortune.....	.85	1.40	3.75
Turghai Proso.....	1.25	2.25	4.25

SOY BEANS

(Bu. 60 lbs.)	Germ.	Peck	Bu.	100 Lbs.
HABARO (from Reg. Seed).....	90%	\$.95	\$3.15	\$5.00
EARLY MINNESOTA MANCHU (from Reg. Seed).....	95%	1.00	3.30	5.25
EARLY MINNESOTA MANCHU (from Reg. Seed).....	90%	.95	3.15	5.00
MUKDEN, Minnesota Grown.....	95%	1.00	3.30	5.25
NEW RICHLAND, Minnesota Grown (From Reg. Seed).....	95%	1.00	3.45	5.50

FIELD PEAS & VETCHES

(Bu. 60 lbs.)	Peck	Bu.	100 Lbs.
CANADA YELLOW FIELD PEAS			
Minnesota Grown.....	\$1.35	\$4.90	\$8.00
VETCHES, HAIRY OR SAND			
Minnesota Grown.....	2.45	9.15	15.00

MINNESOTA-GROWN SEED POTATOES

PRICES SUBJECT TO MARKET CHANGES—Bags free. See Page 21.

SPRING SHIPMENT

	Peck	Bu.	5 Bu. @
EARLY OHIO, Certified.....	\$.75	\$2.40	\$2.35
EARLY WHITE WARBA, Certified.....	.75	2.40	2.35
EARLY RED WARBA.....	.70	2.30	2.25
EARLY IRISH COBBLERS, Certified.....	.75	2.40	2.35
CHIPPEWA, Certified.....	.75	2.40	2.35

SPRING SHIPMENT

	Peck	Bu.	5 Bu. @
KATAHDIN, Certified.....	\$.75	\$2.40	\$2.35
KATAHDIN, Not Certified.....	.70	2.25	2.20
NEW PONTIAC, Certified.....	.80	2.60	2.55
NEW SEBAGO, Certified.....	.95	3.25	3.20

New MASTER HYBRIDS

Also Cream of the
NEW MINHYBRIDS

See Pages 68 & 69



All our Hybrids
WILL GERMINATE
90% STRONG OR BETTER

University of Minnesota tests show huge quantities of Northern group Hybrid Seed Guaranteed to Germinate

frosts last
terminating
is., Mich.,
seed will
We urge
ed is avail-
than 90%

TRY THIS BIG LIVE MAGAZINE NOW!

12 MONTHS

Easy to read—you'll like it

YOU will be delighted and wonder how these two great up-to-the-minute illustrated magazines, now printed together, can cost so little. It's for all—men, women, boys and girls.

ONLY 25¢



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Farm Journal and Farmer's Wife, Dept. C, Phila., Pa.
Enclosed is 25c for FARM JOURNAL and FARMER'S WIFE 12 months. My money back if not satisfied.

My Name is

R. F. D. Box or Street
If you live on a R. F. D. put route number in first space above for prompt service.

P. O. State

IMPORTANT: Coupon must be sent direct to Farm Journal and Farmer's Wife, Dept. C, Philadelphia, Pa., with 25c (at our risk). Offer good only in U. S.

MASTER F-101

(Maturity 112)

A new full season corn hybrid for Southern Minnesota and similar territories. An early vigorous grower with very fine standing ability. The attractive ears average 9 inches or more in length and are borne on short, sturdy shanks. Extra deep, high quality kernels of rich yellow color. Made a record yield of 111 bu. per acre in Winona County in 1941 Minnesota Yield Trials.

This outstanding Hybrid was selected for the 1942 Minn. State Corn Husking Contest. (Cancelled for Duration)—see photo page 68.

SEE BLUE FIGURE PRICE LIST

Every BAG

Treated,
Registered
and
State
Inspected

BUY DIRECT—NO AGENTS!

See our money-saving price list at the left. Order direct from growers by mail—you save Agent's profits,—but ORDER EARLY!

SAVE

\$1.00 to \$2.00
per Bu.

1

2

New EXTRA EARLY • SUPER
HARDY • LONG BLOOMING

U. of MINNESOTA 'Mums

Start Blooming in JULY!

8 to 10 weeks of Bloom.

(1) **HARMONY:** Carries several tones of color. 2 1/4" blooms are yellow in Aug., later turn strawberry pink, then deep Brazil Red. Often all colors present at same time. Large, bushy, semi-cushion plants are a mass of bloom for several weeks. Ideal for cutting. Start blooming third week in August.

(2) **RED WING:** A profusion of semi-double 1 3/4" flowers in Pompeian red. Plant: low, upright type, rather long stems. Start blooming last week in August.

(3) **DULUTH:** Semi-double, lemon yellow flowers, 2 inches across. Plant is tall, upright type. Blooms extra early and profusely for a long period. Start blooming last week in July!

(4) **WELCOME:** Semi-double 1 3/4" flowers of bright mallow purple. Plant: rather low, bushy, but stems long and ideal for cutting. Very early blooming. Start blooming last week in July!

(5) **BOREAS:** Double, white blooms 2" across. Plant: rather low but stems are long and good for cutting. Start blooming mid August.

(6) **MOON GLOW:** Double blooms of deep lemon-chrome color, 1 3/4" across, completely cover plant for several weeks. Plant: distinctly cushion type, very low and bushy. Start blooming 2nd week in August.

Your Choice **2 PLANTS \$1.20**

of above Minnesota 'Mums **4 PLANTS \$2.20**
ALL POSTPAID

Special U. of M. 'MUMS Supply Limited!

NEW RED GOLD →

Striking bronzy-scarlet to Brazil red, double blooms 2" in diameter. Resemble pompom dahlias. Plant: medium tall, stiff and upright. Start blooming 2nd week in August.

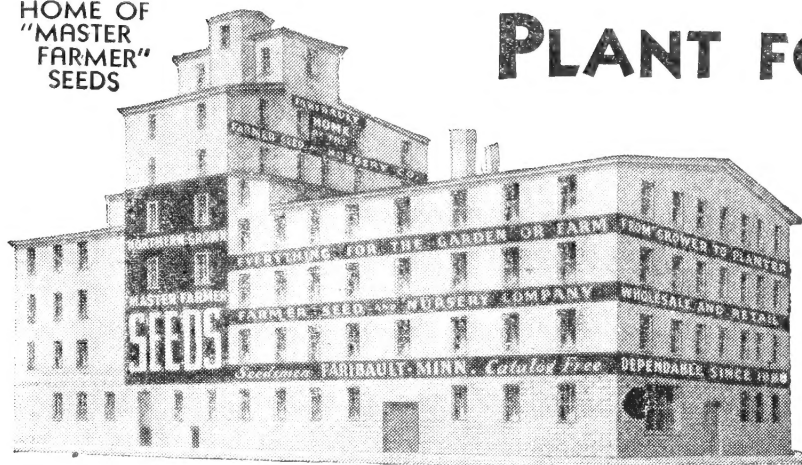
NEW CHIPPEWA →

Large semi-double to double aster-like flowers of 3" diameter in aster-purple color. Flowers are incurved, in large clusters, very showy, ideal for cutting. Plant: bushy, 20" tall. Start blooming 3rd week in August.

2 PLANTS \$1.50
one of each
ppd.

HOME OF
"MASTER
FARMER"
SEEDS

PLANT FOR VICTORY—1943



FARIBAULT, MINN.

JAN. 1943

ATTENTION! FARMERS AND GARDENERS

You are in the war—standing shoulder to shoulder with the fighting men at the front or on the battleships.

You are asked by the Commander-in-Chief to lead the big offensive on the Food Production Front—against our enemies in 1943.

The production goals for 1943 just announced, call on farmers to break all records of turning out food for the war. This, despite the shortage of labor, of fertilizers and machinery.

The outcome of the entire war effort may depend upon how well farmers succeed in producing the food needed in the face of such handicaps.

The Government guarantees farmers, eligible under the AAA, prices most of which are above the 90% parity level, and for the period ending June 30, 1944. See Production Schedule on page 66.

Special support prices to gardeners will be announced before February 1st.

To help the farm labor situation, trained workers from low income areas will be shifted to more productive regions. Deferment of key workers from military service, will be given. Volunteer towns people, Mexican workers and perhaps supervised honor-roll prison workers, will be pressed into service.

In this emergency, it is all-important to sow only the most productive and high germinating seed. To supply such seed is our responsibility, and we are sparing no effort to bring Master Farmer Seeds to your aid—in reaching the goals set.

We bring these Victory Crops to your attention, through this catalog. Study it carefully—and order early. You will be well repaid by making your effort count most in the battle for freedom.

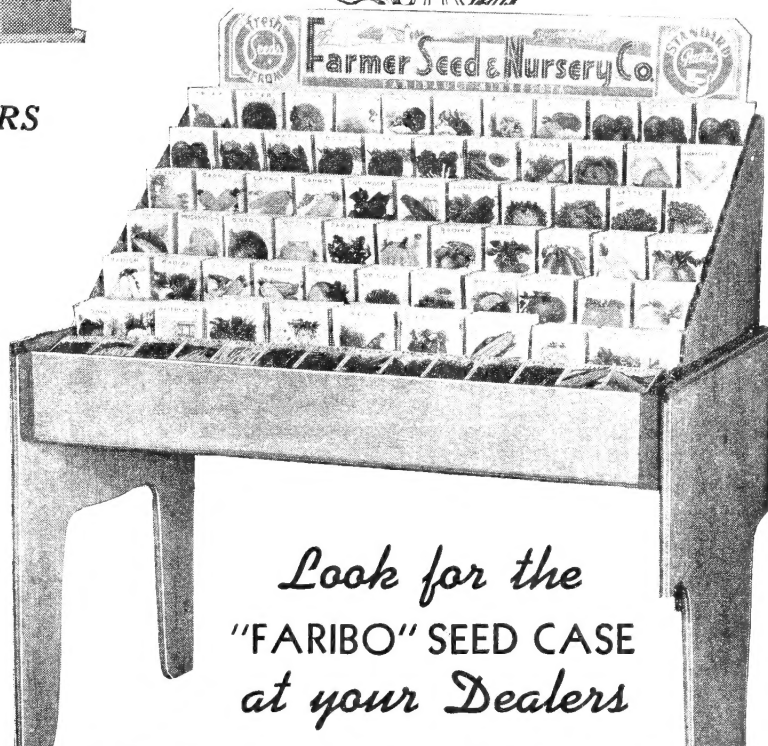
Sincerely,

Farmer Seed & Nursery Co.,

E. Kickenapp

PRESIDENT.

HYBRID SEED CORN
DRYING PLANT



*Look for the
"FARIBO" SEED CASE
at your Dealers*



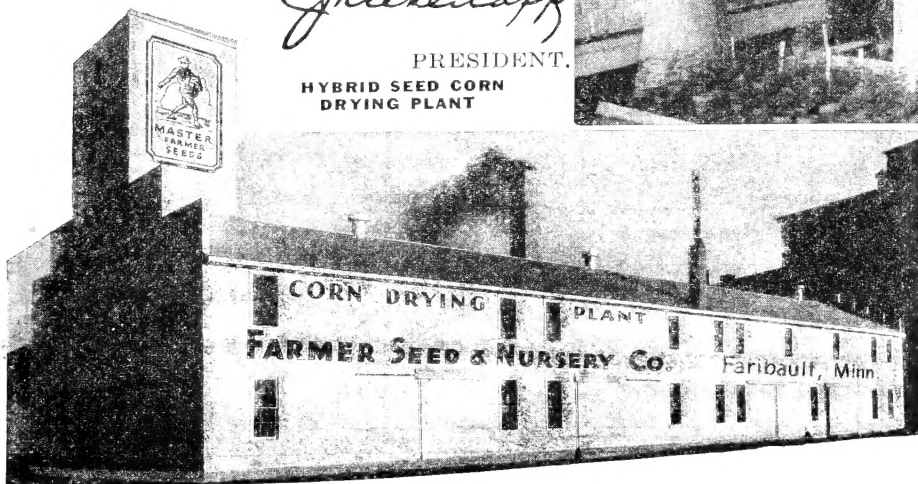
VISIT OUR FARIBAULT RETAIL STORE

ALL MAIL ORDERS FILLED PROMPTLY

BULBS, NURSERY STOCK AND SEED
POTATOES SHIPPED AT PLANTING TIME

ORDER MASTER HYBRIDS EARLY
TO AVOID DISAPPOINTMENT

SEE INDEX ON PAGE 78





Night Scene at Trial Garden on U. S. Highway 65 where seed stocks are tested

Green Bush Beans

Cultural Directions for Garden Beans on Page 5

20. MEDAL REFUGEE—A 1942 All-America Bronze Medal Winner. For quality, high yield and easy picking, this Bean is hard to beat. Silvery green in color, the pods are 4 inches long, round, smooth, stringless—straight to slightly curved. Ideal in size and shape for whole green beans. Plants are compact, erect, with small foliage—thrifty, hardy and resistant to common bean mosaic. Seeds are white with buff or brown eye. Mammoth pkt. 10c, 1/4 lb. 20c, 1/2 lb. 30c, 1 lb. 50c, prepaid.

21. TENDERGREEN STRINGLESS—(54 days.) So tender and snappy it fairly melts in your mouth! Excellent for home garden or market. Pod: 6 inches long, round fleshy, dark green, stringless and of fine quality. A very heavy yielder. Seed: brown, blotched with light fawn. Mammoth pkt. 8c, 1/2 lb. 20c, 1 lb. 35c, 2 lbs. 65c, 5 lbs. \$1.40, prepaid.—Not prepaid, 10 lbs. \$2.00.

25. BURPEE'S STRINGLESS GREEN POD—(52 days.) Gardeners and canners like this stringless and fiberless bean for its excellent quality. It sells readily on the market, and for cut beans for canning, it can't be beat. Pod: 6 inches long, medium green, round. Seed: coffee brown. Mammoth pkt. 8c, 1/2 lb. 20c, 1 lb. 35c, 2 lbs. 65c, 5 lbs. \$1.40, prepaid.—Not prepaid, 10 lbs. \$2.00.

27. BOUNTIFUL—(49 days.) A bountiful yielder of delicious, extra early, green, stringless beans. For home garden and for early market, Bountiful is unsurpassed. Pod: 6 3/4 inches long, flat, stringless and of fine quality. Seed: yellow straw color. Mammoth pkt. 8c, 1/2 lb. 20c, 1 lb. 35c, 2 lbs. 65c, 5 lbs. \$1.40, prepaid.—Not prepaid, 10 lbs. \$2.00.

Edible Soy Beans →

29. BANSEI—Ready for table use in 90 days. The earliest and best for the Northwest. Plants grow 18-24 inches tall and are resistant to disease and insect pests. Pods are 2 1/2 inches long. Beans are bright green, turning to yellow at maturity. Pkt. 10c, 1/2 lb. 20c, 1 lb. 35c, 2 lbs. 65c, 5 lbs. \$1.40, prepaid.—Not prepaid, 10 lbs. \$2.00.

To Prepare Green Shell Soy Beans for the Table—To make shelling easier, cover the pods with boiling water, let stand for five minutes, then drain and shell. To one pint of hulled beans add one pint of boiling water and 3/4 teaspoon salt, cover and cook for 10 minutes after boiling starts. Avoid overcooking. Drain and season with butter.

INOCULATE
GARDEN BEANS AND PEAS—
LUPINS AND SWEET PEAS
WITH

The Improved Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN
Restores and Maintains Soil Fertility

FOR BIGGER YIELDS PKT.
TO TREAT UP TO 6 lbs. SEED **10c**



WAR GARDENS

FOR

VICTORY



**GROW VITAMINS AT
YOUR KITCHEN DOOR**

Asparagus Seed & Roots Rust-Resistant

Leaflet on Asparagus Culture Free Upon Request

4. NEW PARADISE—Rust-Resistant. Produces a normal crop one year earlier than other varieties and gives heavier production throughout its life. Large crisp, tender stalks of exceptionally fine, mild flavor. Only 6 to 8 stalks required to the pound. The seed should be planted very thinly in seed beds the first season. Pkt. 10c, oz. 25c, 1/4 lb. 85c, 1 lb. \$3.00, prepaid.

Paradise Roots—Heavy one-year-old, 25 for 60c, 50 for \$1.00, 100 for \$1.75, prepaid to 3rd zone.—Not prepaid: 500 for \$4.75, 1,000 for \$9.00.

5. WASHINGTON—Rust-Resistant. The leading variety grown by market gardeners. Pkt. 8c, oz. 15c, 1/4 lb. 35c, 1 lb. \$1.00, prepaid.

Washington Roots—No. 1 one-year-old roots, 25 for 50c, 50 for 80c, 100 for \$1.40, prepaid to 3rd zone.—Not prepaid: 500 for \$4.50, 1,000 for \$7.75.

**Wax-
Podded
BUSH**

BEANS

**SNAPPY-
TENDER-
BUTTERY**

1 lb. plants 50 foot row.

CULTURE—Beans should be sown after May 15th, when the ground is thoroughly warm. Make successive sowings, 2 weeks apart, for a supply of beans all summer. Sow in drills 15 inches apart, 2 inches deep, dropping the beans 3 inches apart in the rows, eyes down and cover. Cultivate often. Do not walk through or pick beans when wet with dew or rain.

9. FARIBAULT BRITTLE WAX—(52 days.) The finest in Wax Beans. An abundant yield of tender, succulent, buttery-flavored beans. Ideal for home use and for canning. An excellent winter shell bean. Pods are 6 inches long, attractive lemon yellow color, and absolutely stringless. Seed is white, kidney-shaped with black eye. Mammoth pkt. 10c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.55, prepaid.—Not prepaid, 10 lbs. \$2.00.

10. TOP NOTCH GOLDEN WAX—(50 days.) New bean resembling Improved Golden Wax, but superior in quality and yield. The pods run about 6 inches long, stringless, of rich yellow color, nearly flat and broad. The seed resembles Golden Wax but the pods run about an inch longer and are absolutely stringless. The maturity is a few days later. Mammoth pkt. 8c, 1/2 lb. 18c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.55, prepaid.—Not prepaid, 10 lbs. \$2.00.

11. PROLIFIC BLACK WAX—or Butter Bean—(51 days.) A heavy producer over a long period. Rust-proof and of fine quality. Pod is 5 1/4 inches long, round fleshy, deep golden yellow color, and of appetizing flavor. Seeds are small, oval, solid black. Mammoth pkt. 8c, 1/2 lb. 18c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.55, prepaid.—Not prepaid, 10 lbs. \$2.00.

12. BLACK PENCIL POD WAX—(52 days.) Vigorous, productive and of appetizing flavor. Pods are 6 3/4 inches long, round, fleshy, golden yellow, tender, absolutely stringless, brittle and of finest quality. Seeds are oblong, solid black. Mammoth pkt. 8c, 1/2 lb. 15c, lb. 28c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. \$1.80.

Be sure to Inoculate Beans with Nitragin Inoculator for Bigger Yields. See page 18.



Sure Crop Stringless Wax—Sturdy and productive with golden yellow pods of fine texture and quality.

15. SURE CROP STRINGLESS WAX—(53 days.) Particularly favored by truckers and shippers. Resistant to blight and rust, exceptionally hardy and vigorous even in dry sections. Bears heavily. Pods are 6 1/2 inches long, golden yellow, flat, brittle, strictly stringless, of fine texture and quality. Seeds are oval, jet black. Mammoth pkt. 8c, 1/2 lb. 18c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.55, prepaid.—Not prepaid, 10 lbs. \$2.00.

16. UNRIVALLED ROUND POD WAX—(52 days.) Very popular among our market gardener trade. Pods are 5 1/2 inches long. Attractive deep yellow, thick, flat, brittle, stringless when young. Plant is dwarf, erect, stocky, very productive. Seeds are small, oval, glossy golden brown. Mammoth pkt. 8c, 1/2 lb. 18c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.55, prepaid.—Not prepaid, 10 lbs. \$2.00.

19. EARLY WONDER WAX—(40 days.) Extremely early and resistant to rust, a very heavy yielder. Pods are 6 1/2 inches long, clear waxy yellow, plump, tender, brittle, of fine texture and very meaty. Plant is large, strong, productive. Seeds are yellow. Mammoth pkt. 8c, 1/2 lb. 18c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.55, prepaid.—Not prepaid, 10 lbs. \$2.00.



This is Decatur, a vigorous disease-resistant new Pole Bean.

All Season Bean Collection

One Pkt. Each
Tendergreen Stringless
Sure Crop Wax
Baby Potato Lima
Kentucky Wonder Pole ppd. **32c**

Pole Beans

Plant Lima Beans to combine with the Sweet Corn when you make succotash

One pound plants 200 hills. Plant hills 3 feet apart each way, sowing 4 to 6 beans to a hill. Stake with poles 7 feet high.

58. DECATUR—The 1942 Silver Medal Winner. Early, stringless in all stages, resistant to rust and bean mosaic, this new Pole Bean is the heaviest bearer of them all. The dark green pods are 6 to 8 inches long, round, nearly straight, meaty and of fine quality. Seeds are ivory-white and small. Hardy and vigorous, the plants are uniform in growth and pod type and reach a height of 6 to 7 feet. Mammoth pkt. 10c, 1/2 lb. 20c, 1/2 lb. 30c, lb. 50c, 2 lbs. 95c, prepaid.

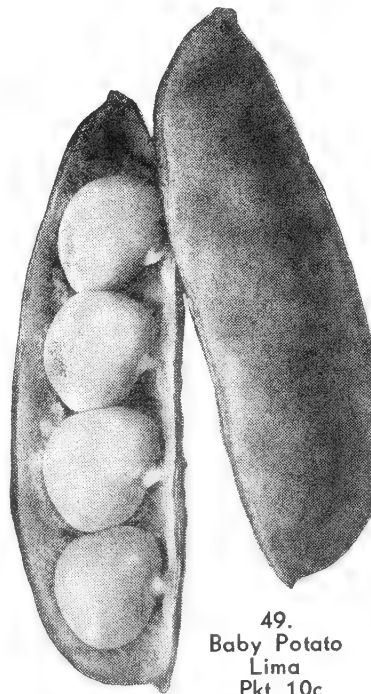
60. KENTUCKY WONDER—(65 days.) (Old Homestead.) The most popular pole bean grown. A splendid canner. Will bear heavily all summer if kept picked. Pods are 8 inches long, silvery green, practically round, of good quality and very brittle. Seeds are buff brown. Mammoth pkt. 10c, 1/2 lb. 35c, 2 lbs. 65c, 5 lbs. \$1.50, prepaid.—Not prepaid, 10 lbs. \$2.00.

Beans for Baking

30. RED KIDNEY OR CHILI BEAN—(95 days.) Everyone likes the delicious, tangy flavor of hot Mexican Chili Con Carne! Anyone can grow these delicious red Chili Beans. They are of excellent quality for dry bean use. Pods: 6 inches long, flat, waxy green. Seeds: reddish brown. Mammoth pkt. 8c, 1/2 lb. 15c, lb. 27c, 2 lbs. 50c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. \$1.65.

40. GREAT NORTHERN—Better for baking and cooking than any navy bean, as it cooks in two-thirds of the time, and is of much better flavor. Beans are larger than common navy beans. Mammoth pkt. 5c, 1/2 lb. 12c, 1 lb. 22c, 2 lbs. 40c, 5 lbs. 90c, prepaid.—Not prepaid, 10 lbs. \$1.25.

41. ROBUST NAVY—Plants are of decidedly robust growth. Beans are clear white. Mammoth pkt. 5c, 1/2 lb. 12c, 1 lb. 22c, 2 lbs. 40c, 5 lbs. 90c, prepaid.—Not prepaid, 10 lbs. \$1.15.



49.
Baby Potato
Lima
Pkt. 10c

Delicious Limas

CULTURE—Plant in rows 3 feet apart in rich soil, 6 to 10 inches apart in the row, always setting the seed with the eye down. Plant about 3 inches deep. One pound will plant 50 ft. of row.

49. BABY POTATO BUSH LIMA—An All-America Winner. (72 days.) A small thick seeded butter bean with Fordhook flavor and a dependable producer of good sized pods in most all sections. Sturdy plants, 12 to 16 inches high, are early and prolific. Seeds attractive bright green at eating stage, creamy white when dry. Mammoth pkt. 10c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.50, prepaid.

50. FORDHOOK BUSH LIMA—(75 days.) Most popular large seeded Dwarf Lima. Big, plump, buttery beans of delicious flavor. Pods are 4 1/2 inches long, 1 inch wide; contain 3 to 4 seeds. Green shell beans: large thick oval, of excellent quality. Seeds are white with tinge of green. Mammoth pkt. 10c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.50, prepaid.

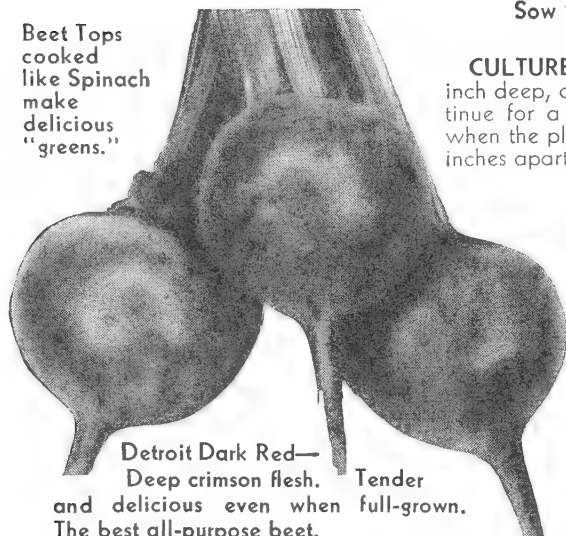
51. BURPEE'S IMPROVED BUSH LIMA—(75 days.) Of excellent quality and luscious flavor. Pods are 4 inches long, 1 1/4 inches wide; contain 4 to 5 seeds. A heavy yielder. Seeds are large, plump, flat, wrinkled; white with greenish tinge. Mammoth pkt. 10c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.50, prepaid.

52. HENDERSON BUSH LIMA—(68 days.) Produces small, flat, green shell beans of excellent quality. Very early and fine for canning. Pods are 3 1/2 inches long with 3 to 4 seeds. Plant is small bushy. Seeds and dry beans, creamy white. Mammoth pkt. 8c, 1/2 lb. 15c, lb. 27c, 2 lbs. 50c, 5 lbs. \$1.25, prepaid.

If your garden is small, save space by planting Pole Beans. Decatur has high-quality dark green pods, straight, meaty and stringless.

Tender Young Table Beets

Beet Tops
cooked
like Spinach
make
delicious
"greens."



Detroit Dark Red—
Deep crimson flesh. Tender
and delicious even when full-grown.
The best all-purpose beet.

85. DETROIT DARK RED—(62 days.)
The outstanding late variety for truckers, produce shippers, canners and home gardeners. A most popular, real quality beet. Roots are globular, smooth, uniform, attractive, with small taproot. Flesh is deep oxblood red, with indistinct zones. Splendid quality, sweet and tender, without any trace of woodiness. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.

Sow 1 oz. to 80 ft. of row—6 lbs. per acre.

CULTURE—Sow in drills one foot apart and one inch deep, as early as the ground can be worked; continue for a succession as late as the middle of July; when the plants are large enough, thin out to stand six inches apart.

83. EXTRA EARLY WINESAP—(54 days.) The first beet on the family dinner table. Winesap combines excellent quality, flavor and tenderness with its exceptional earliness. Roots are semi-globular, deep rich crimson with small taproot. Flesh is fine grained, sweet and tender. Tops are medium small. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.

84. EARLY WONDER—(54 days.) First on the early market. A splendid shipping variety. Similar in quality to Winesap. Roots are blood red with small taproot. Flesh is blood red with lighter zones, tender and of good quality. Tops are medium small. Pkt. 8c, oz. 20c, ¼ lb. 50c, lb. \$1.85, prepaid.

86. CROSBY'S EARLY EGYPTIAN—(60 days.) A standard early variety, very popular with market gardeners, as the tops bunch well and it makes a good appearance with dark red, flat-globe or turnip-shaped roots. Small taproot. Tops large and tall; flesh purplish red with indistinct lighter zones. Pkt. 8c, oz. 20c, ¼ lb. 50c, lb. \$1.85, prepaid.

89. EARLY BLOOD TURNIP —(68 days.) One of the best for home use or for market gardeners. Tops medium small, but fairly coarse. Roots turnip-shaped; dark red. Flesh bright red with zones of lighter shade. Pkt. 8c, oz. 20c, ¼ lb. 50c, lb. \$1.85, prepaid.



Eat leafy greens
for health—Swiss
Chard is rich in
vitamins.

Swiss Chard or Spinach Beet

98. LUCULLUS—A variety of beet grown for its leaves, which are fleshy and attractively crumpled and make very choice greens. The succulent stalks and midribs may be prepared in the same way as asparagus. If only the outer leaves are gathered, the inner leaves will continue to grow and repeated pickings may be made from July to heavy frost. Pkt. 8c, oz. 20c, ¼ lb. 50c, lb. \$1.85, prepaid.

*Be Patriotic - Grow
Your Own Vegetables
This Year.*

Sugar Beets—See No. 115 Klein Wanzleben
at bottom of this page.

For Mustard Greens see page 16
For Spinach see page 22

Grow These Table Delicacies

70. BRUSSELS SPROUTS—A delicious vegetable for fall and early winter use. The plant stalks are covered with small cabbage-like sprouts, tender and succulent. The flavor is improved by a touch of frost. Requires the same method of culture as late cabbage. Pkt. 10c, oz. 45c, ¼ lb. \$1.65, prepaid.

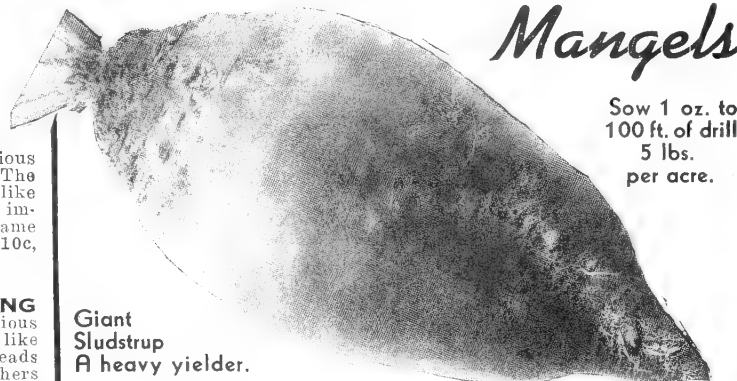
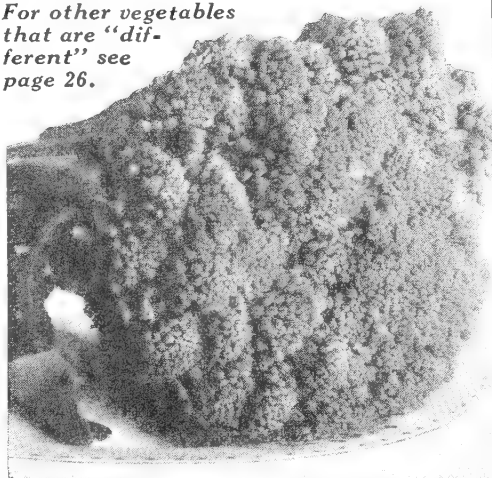
80. ITALIAN GREEN SPROUTING BROCCOLI—Famed for its tender, delicious flavor and healthful qualities. Cultivated like cabbage, it bears a succession of sprouting heads which if kept cut will be replaced by others for 8-10 weeks. Each sprout, about 5 inches long, ends in a small head of deep green buds. Should not be cooked longer than 15-20 minutes or the delicate flavor will be destroyed. Pkt. 8c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.50, prepaid.

For other vegetables
that are "different" see
page 26.

Grow Brussels Sprouts for
your Thanksgiving dinner
this year. When cooked
they are tender and delicious
with a mild savory
flavor. As easy to grow
as Cabbage!

BROCCOLI →

A delicious vegetable superior in flavor to Cauliflower. Once you've tried it, you'll want it again.



Mangels

Sow 1 oz. to
100 ft. of drill
5 lbs.
per acre.

Giant
Sludstrup
A heavy yielder.

Mangels are of high feeding value for all livestock. They keep hens healthy and stimulate egg production. Feed at the rate of 25 pounds to 100 hens per day, with grain.

CULTURE—Sow at corn planting time—in drills 2 to 2½ feet apart, on rich moist land, the seed should be planted an inch deep; on dry and sandy soil it must be planted 1¼ to 1½ inches deep. Thin out to stand 8 inches apart in row.

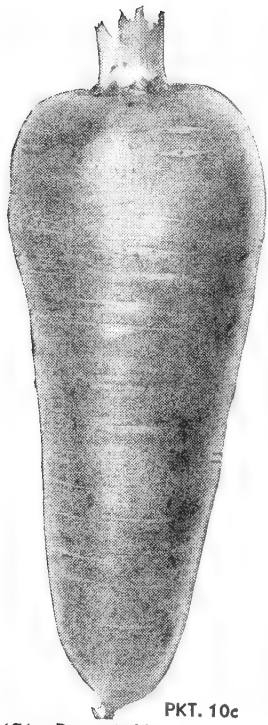
105. MINNESOTA GOLDEN TANKARD—High in sugar content, a heavy cropper and easily harvested. Roots large, nearly cylindrical, partly above ground; skin orange. Flesh yellow. Oz. 12c, ¼ lb. 40c, lb. \$1.40, prepaid. Not prepaid, 5 lbs. at \$1.30 per lb.

106. MAMMOTH LONG RED—Yields from 20 to 30 tons per acre. Roots extremely large, tapering, grow half above ground; skin light red. Flesh is white with rose tinge. Oz. 12c, ¼ lb. 40c, lb. \$1.40, prepaid. Not prepaid, 5 lbs. at \$1.30 per lb.

108. GIANT SLUDSTRUP—A very high yielder. Roots are long, oval, orange colored. Flesh is white with yellow tinge. Oz. 10c, ¼ lb. 35c, lb. \$1.30, prepaid. Not prepaid, 5 lbs. at \$1.20 per lb.

115. SUGAR BEET, KLEIN WANZLEBEN—The most popular variety for sugar manufacture on account of high sugar content; also good for stock feed. Roots are long, with white skin and flesh. Oz. 10c, ¼ lb. 35c, lb. \$1.30, prepaid. Not prepaid, 5 lbs. at \$1.20 per lb.

Carrots are Rich in Food Value



One ounce of seed will sow 100 feet of row, three to four pounds per acre.

CULTURE—Carrots will grow in any soil, but sandy deep loam is best. Sow as early as the ground can be worked, in rows 15 to 18 inches apart, covering about one-half inch. Plants should be thinned to two, three, or even four inches apart in the row.

Note—As freshly manured soil often causes divided roots, it is better to plant in soil that has been richly fertilized the previous season.

171. Danver's Half Long.
A heavy yielder and fine keeper. **PKT. 10c**

170. F. S. & N. CO'S SUPERIOR MARKET—(76 days.) The finest shipping carrot in cultivation. Its attractive bunching appearance makes Superior Market sell on sight. Roots: 8 inches long, 2 inches thick at top; with sloping shoulder, tapered to a semi-blunt end, very uniform. **Flesh:** rich orange color, fine grained, scarcely noticeable core, tender, and of delicious flavor. **Pkt. 10c, oz. 35c, 1/4 lb. \$1.10, lb. \$4.00, prepaid.**

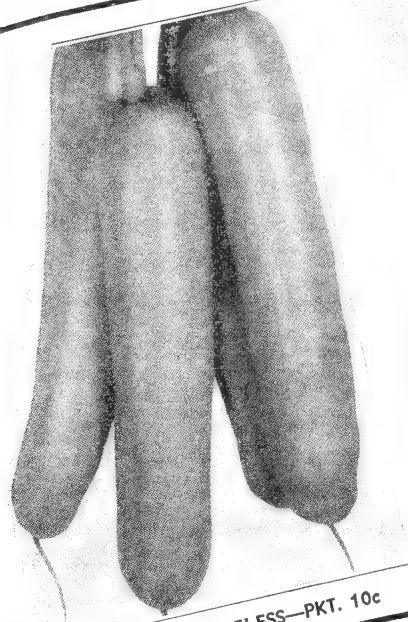
171. DANVER'S HALF LONG—(75 days.) A most popular and reliable carrot for home and market gardening. Easily harvested, a good keeper and an excellent shipper. Roots: 7 inches long, tapered to a blunt end. **Flesh:** bright orange, tender and of a good quality. **Pkt. 10c, oz. 30c, 1/4 lb. \$1.00, lb. \$3.75, ppd.**

172. NANTES CORELESS HALF LONG—(69 days.) Customers who do not like ordinary carrots are delighted with these. They have a distinct flavor and tenderness all their own, and when half grown they are a rare delicacy on any table. Roots: 6 inches long, bright orange, cylindrical, blunt ended. **Flesh:** reddish-orange, crisp, tender, of very delicate flavor, practically coreless. **Pkt. 10c, oz. 35c, 1/4 lb. \$1.10, lb. \$4.00, prepaid.**

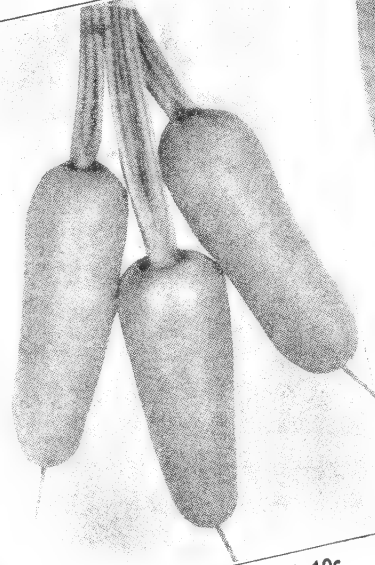
176. NEW STREAMLINER—(78 days.) A modern bunching carrot of such handsome proportions it has become a leading profit maker "overnight" for shippers and market growers. Tops short, dark green, with strong stems. Roots: 10 inches long, slender, nearly cylindrical, grow completely underground. Color very deep orange with small, red core. **Pkt. 10c, oz. 30c, 1/4 lb. \$1.10, lb. \$4.00, prepaid.**

See Color Illustration on Inside Back Cover.

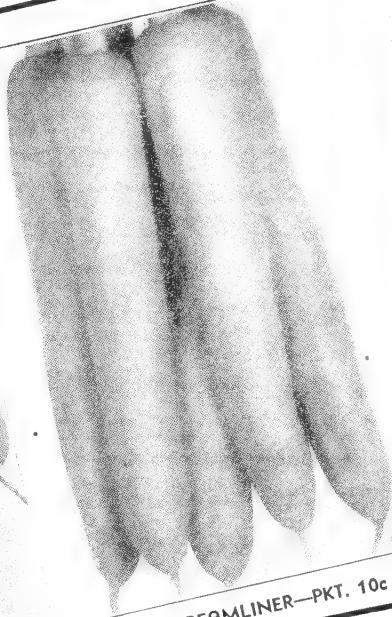
177. RED CORE CHANTENAY—(72 days.) A desirable carrot of good color, valuable for canning and also for market growers. Roots deep reddish-orange, 5 1/2 to 6 inches long, 2 1/4 inches thick at shoulder, tapered. Core reddish-orange, very inconspicuous. **Flesh:** fine-grained and tender with a sweet, delicate flavor. **Pkt. 10c, oz. 30c, 1/4 lb. 95c, lb. \$3.50, prepaid.**



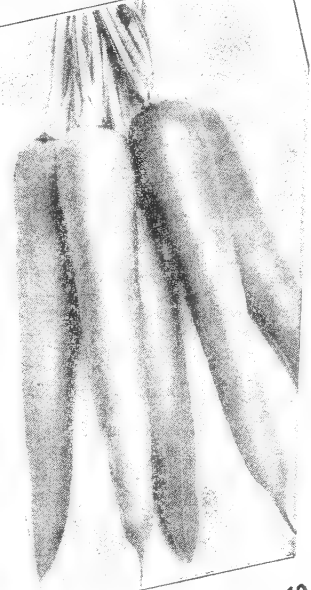
172. NANTES CORELESS—PKT. 10c



175. CHANTENAY—PKT. 10c



176. NEW STREAMLINER—PKT. 10c



170. SUPERIOR MARKET—PKT. 10c

Carrots
for Stock Feeding
Easily Grown. Heavy Yields.

\$1.75 POUND
Prepaid

Sow seed in drills 3 feet apart, using about 4 pounds per acre. Large yield from small pieces of ground. Tonnage per acre enormous.

185. YELLOW BELGIAN—(95 days.) A heavy cropper, easily harvested. Best results in deep soil. Sow 4 pounds to the acre. Roots: 10 to 14 inches long, 3 to 4 inches thick at top; skin: green above ground, pale yellow below. **Pkt. 8c, oz. 15c, 1/4 lb. 50c, lb. \$1.75, prepaid.**

173. IMPERATOR—(77 days.) A truly outstanding type for market and shipping. Tops medium, but strong enough for good bunching. Roots: 8 inches long, 2-inch sloping shoulder; uniformly tapered to semi-blunt end. **Flesh:** rich orange color, extending to center, with indistinct core; fine grained and tender. **Pkt. 10c, oz. 35c, 1/4 lb. \$1.10, lb. \$4.00, prepaid.**

174. OXHEART OR GUERANDE—(72 days.) Desirable for home use, prolific and a good keeper. When fully mature used for stock feeding. Excellent table quality when young. Roots: 4 to 5 inches long, 2 1/2-inch shoulder; bright orange, thick, blunt-ended, heart shaped. **Pkt. 10c, oz. 25c, 1/4 lb. 90c, lb. \$3.25, prepaid.**

175. CHANTENAY OR MODEL—(71 days.) An excellent all-purpose, medium-early variety, desirable for home and market garden, and for canning diced carrots. Roots: 6 inches long, deep orange, smooth tapered, stump rooted. **Flesh:** deep orange with indistinct core. **Pkt. 10c, oz. 30c, 1/4 lb. 95c, lb. \$3.50, prepaid.**

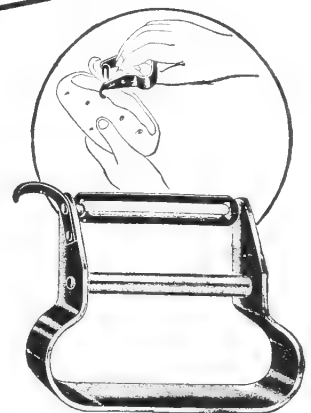
To give a different flavor to Creamed or Scaloped Carrots, try adding 2 or 3 tablespoons of minced parsley leaves to the cream sauce. Parsley is rich in iron.

Order Early!

There is a severe shortage
of Carrot Seed.

ONLY
25c
Prepaid

Same
Tool
in
Stainless
Rustless
Duralumin
35c



KITCHEN WONDER TOOL
PEELS—SLICES—SHREDS

America's cleverest, most practical gadget actually makes peeling a joy. Takes out the work, as it takes off a thin peel from fruits or vegetables. Peels quicker than a knife. Peels potatoes, and removes the eyes and decayed spots quickly. A scientific tool with tempered steel blade. Saves your fingers from stain, saves you from hard work in peeling Potatoes, Carrots, Cukes, Apples, etc. It strings Beans and Celery, shreds Cabbage, Chocolate or Soap.

You Can Enjoy Delicious Young Carrots All Summer by Planting a Short Row
Every Two Weeks until August 15th.

Golden Acre,
an attractive variety
for early markets.

Fine Cabbage Seed from Pure Bred Strains

One ounce will produce about 2,500 plants. $\frac{1}{4}$ oz. of seed for 50-foot row.

Culture—The best way to start cabbage, especially the early sorts, is in hotbeds, flats, or in a greenhouse. Sow the seed $\frac{3}{4}$ inch deep, in carefully prepared rich garden soil. Seed usually germinates in 5 to 10 days. When ready to transplant, set into paper pots or plant bands, in flats, until time to set outdoors. The plants can then be set out without disturbing the roots, and the paper bands form the best protection against cutworms. Set in rows 2 feet apart, 20 inches apart in the rows. Late cabbage may be sown in the open, in rows, and transplanted when 4 to 6 inches high.

There is a Serious Shortage of Cabbage Seed!

Due to war conditions no European seed has reached us. Stocks on hand are very limited, so place your order early. Other short vegetable seed crops are carrots, cauliflower, beets, onions, mangels.

Early Cabbage

121. EARLY JERSEY WAKEFIELD—(62 days.) Extra early small plants with short stems—permitting close setting in the row, and hard, compact pointed heads of splendid quality. A valuable addition to home or market garden. Head: 5 inches thick, weighs 2 to 2½ lbs., small, compact, conical, 7 inches long. Pkt. 8c, oz. 20c, $\frac{1}{4}$ lb. 70c, lb. \$2.50, prepaid.

126. GLORY OF ENKHUIZEN—(75 to 80 days.) A second early sort particularly valuable for kraut. A good shipper. Head: 8 inches thick, weighs 5 to 8 lbs., large, round, solid, with few outer leaves, of excellent quality. Stem: medium short. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.75, prepaid.

133. EARLY DWARF FLAT DUTCH—(71 days.) A fine medium early sort and a dependable header for market or home garden. It will withstand heat, is noted for flavor and tenderness, and is a fine keeper. Head: 8 inches thick, weighs 4 to 5 lbs., nearly round, solid and of good quality. Stem: short. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.50, prepaid.

136. EARLY COPENHAGEN MARKET—(68 days.) Very early and of uniform maturity, compact plants, and of excellent quality. Splendid for early market and shipment. Valuable as an early kraut variety and a good home garden sort. Head: 6-7 inches thick, weighs 3½ to 4 lbs., round, solid and of superior quality. Stem: short. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.85, prepaid.

138. EXTRA EARLY GOLDEN ACRE—(63 days.) This is the earliest round headed cabbage. A Copenhagen type, but a week earlier than Copenhagen Market. Of high quality. Golden Acre is the most profitable sort on the early market. Head: 6 inches thick, weighs 3 lbs., small, round and solid. Stem, short. Pkt. 8c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.75, prepaid.

140. DANISH BALLHEAD (TRUE HOLLANDER)—(105 days.) The finest late cabbage grown. The head is of an attractive white color, does not burst, and of exceptional flavor, crispness and tenderness. It survives both cold and dry-hot weather. Keeps throughout the winter. For shipping, storage or kraut—it is unsurpassed. Head: 8 inches thick, weighs 6 to 7 lbs., round and extremely solid. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.15, lb. \$4.00, prepaid.

141. DANISH ROUNDHEAD—(95 days.) An early, short-stemmed strain of Danish Ballhead. In yield, head size and quality it is similar to Danish Ballhead, however, it is 10 days earlier and has a shorter stem. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 95c, lb. \$3.50, prepaid.

For high quality
kraut use Danish
Ballhead. It is white,
fine-textured, crisp
and tender and has
an exceptionally good
flavor.



Treat Cabbage Seed
with SEMESAN for Bigger and
Better Crops. See details on page 17.

Late Cabbage

142. PENN STATE BALLHEAD—(110 days.) Developed by Penn State College of Agriculture. This late cabbage is the heaviest yielder and the most uniform of all. Especially desirable for winter storage and for kraut. Heads: Large, attractive, flattened globe-shape. Extremely hard. Weighing 15-20 lbs. each. Shows resistance to blackleg. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.75, prepaid.

144. PREMIUM LATE FLAT DUTCH—(100 days.) Slow growing, sure heading, of immense size and splendid quality. A favorite for market growing or for winter storing. Head: 10 to 12 inches thick, 7 inches deep, weighs 12 to 14 lbs.; extremely large, flat and solid. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.50, prepaid.

Yellows Resistant Sorts

134. HOLLANDER, WISCONSIN NO. 8—(100 days.) A splendid late cabbage for storage, shipment and kraut manufacture. A heavy yielder on land infested so badly with yellows disease that other varieties fail completely. Head: 8 inches thick, weighs 8 lbs., large, almost globe shaped, very firm. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.10, lb. \$3.85, prepaid.

135. MARION MARKET—(75 days.) Also known as Wisconsin Copenhagen as it is the Yellows Resistant strain of Copenhagen Market which matures early and uniformly. The round solid head averages 7 inches thick, weighs 4 pounds, has short stem. Good for early kraut. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.10, lb. \$3.85, prepaid.

137. WISCONSIN "ALL SEASONS"—(90 days.) An excellent kraut and winter keeping sort—valuable in areas infested with "Cabbage Yellows"—also resistant to wilt and will survive heat and drought. Head: 11 inches thick, 8 inches deep, weighs 9 to 10 lbs. Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.10, lb. \$3.85, prepaid.

Red Cabbage

For Relishes and Salads

152. MAMMOTH RED ROCK—(98 days.) The largest and best of the red cabbages. Of superior quality and an excellent keeper. Head: 7 inches thick, weighs 7 to 8 lbs., round, extremely hard, color purplish red. Pkt. 8c, oz. 25c, $\frac{1}{4}$ lb. 90c, lb. \$3.25, prepaid.

HOTKAPS protect young cabbage plants from frost, wind and hail. Growth is forced and yield increased 10 to 25 per cent. Crops mature 2 to 3 weeks earlier and bring premium prices. See page 28.



PKT. 10c
140.
DANISH
BALLHEAD.

Finest late cabbage grown.

CARCO SPRAY

rids your garden of
ROOT MAGGOTS

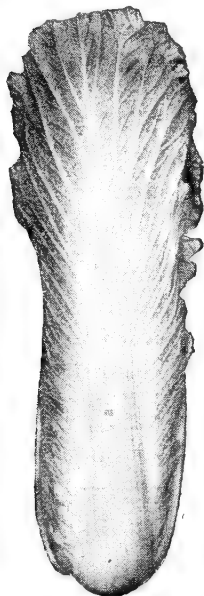
For control of Root Maggots which attack your CABBAGE, CAULIFLOWER, ONIONS, BEETS, RADISHES and TURNIPS, use **CARCO SPRAY**, early in spring, to prevent deposit of maggot eggs. NOT A POISON! Order early and use it in time! One-half pint makes six gallons of spray. Easy to use—complete directions. $\frac{1}{2}$ pint, 60c, pint 85c, quart \$1.40, postpaid.

Chinese or Celery Cabbage

A fine vegetable when cooked like cabbage but especially delicious used as a salad.

157. NEW CHIHILI—Early growing and sure heading, resembling Cos Lettuce, producing large, solid white heads, long and pointed at the top. Leaves are broad, compact, tightly folded and beautifully white and very crisp. Sow after July 1st to avoid flowering. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00, prepaid.

158. WONG BOK—Delicious as a salad vegetable. Heads are thick, oblong, with tightly folded, crisp, white leaves, as tender as those of head lettuce. The flavor is that of very solid cabbage, blended with celery. Do not sow until July to avoid flowering. It makes a delicious salad, sliced and served with French dressing. Boiled like cabbage, Celery Cabbage is especially fine. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00, prepaid.



159. CHINESE CELERY CABBAGE FOR POULTRY—A new cheap, green feed of great value for poultry, more productive than lettuce, spinach or mangels. Sow the seed in rows ½ inch deep and 24 inches apart, using 3 lbs. seed per acre. An ounce of seed will provide green feed for 100 hens for 4 months. Commence feeding Chinese Cabbage when plants are 4 inches high, pulling out every other plant. Plants form heads of 5 to 7 lbs. in 2 months, which can be stored until wanted. Pkt. 8c, oz. 20c, ¼ lb. 60c, lb. \$1.75, prepaid.

← **New Chihili**—
Early and Sure-heading.

Celtuce

A New Vegetable, Combining the Uses and Flavors of Celery and Lettuce

For Color Illustration See Inside Back Cover.

190. CELTUCE—The plants grow quickly, forming a rosette of light green leaves, which when young, may be used as lettuce or boiling "greens." In less than 90 days the stalk is ready for use. The leaves must be removed and the stalks peeled of their tough outer skin. The heart is pale green, crisp and succulent—delicious served raw like celery, or cooked. The flavor, though suggestive of celery, is different and milder. A first sowing of seed should be made as soon as the ground can be worked in spring, and successive sowings at 10-day intervals to provide a continuous supply throughout the season. Pkt. 15c, ¼ oz. 30c, ½ oz. 55c, oz. \$1.00, prepaid.

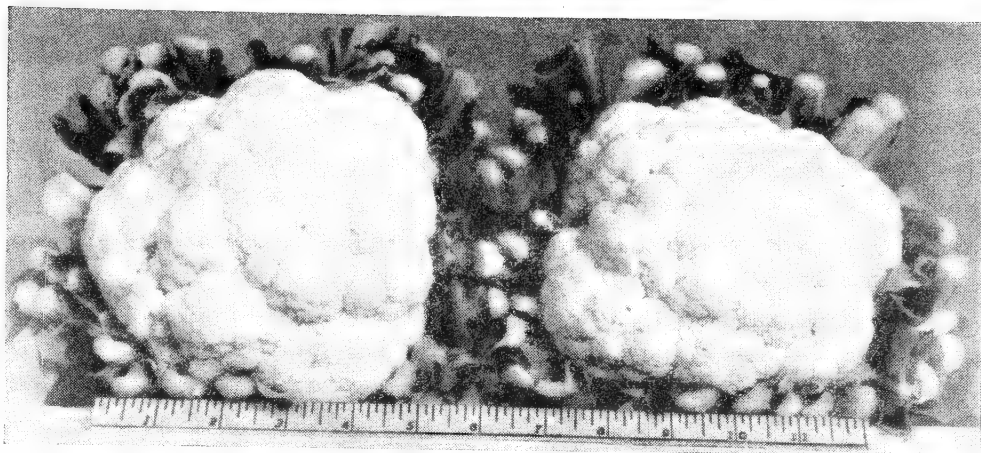
Celeriac

Turnip Rooted Celery

This vegetable should be more generally grown.

The roots are used in salads or boiled like parsnips, or turnips, and have a celery flavor. They keep well all winter. Celeriac may be cooked and served with cream sauce, or used as a salad.

199. LARGE ERFURT—Roots large, smooth, turnip-shaped, excellent flavor. Pkt. 10c, oz. 20c, ¼ lb. 70c, prepaid.



Cauliflower — Firm and White

One ounce of seed will produce 3,000 plants.

CULTURE—The same methods that produce good cabbage will grow good cauliflower. The only great difference is that cauliflower heads must be protected from sunlight so as to make sure of the desirable white curd. Gather the tops of the leaves together loosely as soon as the heads begin to form. In shutting off the light, it is important not to cramp the heads.

160. EARLY SNOWBALL—(55 days.) Most widely used early variety. Plants are dwarf with short, pale green leaves. A dependable header. Although extra early, it can be planted for late fall and winter use. There is none to equal it in value for forcing under glass for a winter crop. Head: 6 to 7 inches thick, of medium size, firm, compact, solid, pure white, and of finest quality. Pkt. 20c, ¼ oz. 80c, ½ oz. \$1.50, oz. \$2.75, prepaid.

165. DRY WEATHER OR DANISH GIANT—(67 days.) A variety well adapted to dry weather conditions. It is later than Early Snowball and of larger growth. Heavy foliage fully protects the heads, which are less liable to blight in hot weather. Dry Weather requires less moisture than other sorts, yet quality is superb. Head: 6 to 8 inches thick, weighs 2 lbs., hard, creamy white and of delicious flavor. Pkt. 20c, ¼ oz. 80c, ½ oz. \$1.50, oz. \$2.75, prepaid.

166. SUPER SNOWBALL—(52 days.) This is an extra early strain of the Snowball type. Besides being extra early, the heads of "flowers" mature with greater uniformity, making it possible to harvest a large percentage of the crop in the first cutting. The plants are vigorous and strong, the leaves are well folded or curled over the heads, which are large, uniform in size, deep and solid. One of the most profitable varieties for the market. Pkt. 25c, ¼ oz. 90c, ½ oz. \$1.65, oz. \$3.00, prepaid.

For Cauliflower, Celery, Cabbage, Tomato and other Vegetable Plants—see page 27.

Protect Young Plants from Frost, Wind, Rain and Insects. Use **HOT-KAPS**—See Page 28.

Celery — Crisp and Appetizing

One ounce of seed will produce 3,000 plants.

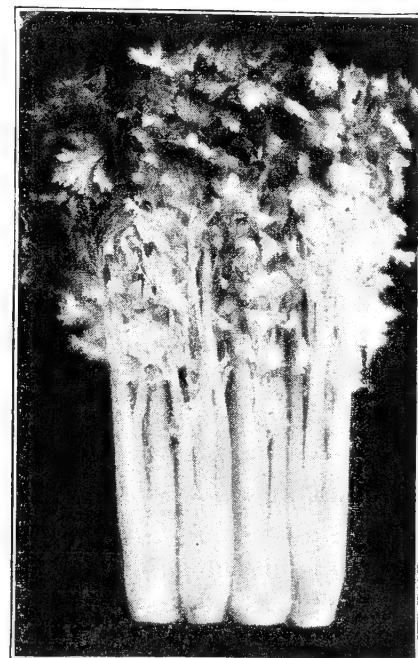
CULTURE—Sow the seed in flats, during February or March. Celery seed germinates slowly and the surface of the soil must be kept constantly moist. Cover the seed very lightly, with fine sand rather than with soil, to prevent a hard surface. When plants are 2 or 3 inches high, transplant them to other flats. In May, set them out in rows 3 feet apart, 6 inches apart in the rows.

195. SELECT GOLDEN SELF BLANCHING—(118 days.) Best for early table use, and most popular for market. Bleaches as well as any yellow variety. The plants grow to medium size, and are stocky and compact. The heart is rich golden yellow, with light yellowish green outer stalks and leaves. Stalks are broad and heavy, but remarkably crisp and tender, entirely free from stringiness and of fine flavor. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.00, prepaid.

An Improved Green Pascal Celery

196. NEW UTAH GOLDEN CRISP—A very desirable green type. The stalks are medium broad, rounded, thick and solid. The plant is stocky, full hearted and compact and blanches readily. Quality and flavor are exceptionally good. Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.25, prepaid.

198. MICHIGAN GOLDEN—(Yellows Resistant Strain.) A new strain of self-blanching Celery highly resistant to yellows or root rot. It is intermediate in type between Tall Golden and Golden Plume. It has shown unusual resistance to yellows on infested soils. Recommended by Michigan State College. Pkt. 15c, ½ oz. 75c, oz. \$1.35, ¼ lb. \$5.00, prepaid.



198. Michigan Golden Celery.

Celtuce, a delicious new vegetable from Western China, has a mild, pleasing flavor—
Be sure to try it.

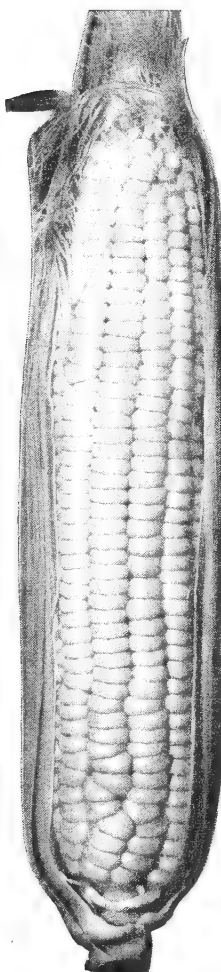
Plant Hybrid Sweet Corns for Greater Yield

One pound will plant 200 hills—12 to 15 pounds per acre.

CULTURE—A rich warm soil will give the best results. Work soil thoroughly before planting. Plant in hills 3 to 3½ feet apart each way, or sow in rows 3½ feet apart, placing the seed about 8 inches apart in the rows. Plant as soon as danger of frost is past; for succession, plant every two weeks until July. Give frequent and thorough but shallow cultivation.



Golden Cross Bantam—high in quality, tender and sweet—
an excellent canning variety.



The golden yellow kernels
of Early Sunshine are
sweet and tender.

Standard Early Strains

Open Pollinated Sweet Corn

223. EARLY SUNSHINE—(66 days.) Another noteworthy development of the North Dakota Experiment Station. An early yellow variety, with a larger ear, and about 5 days ahead of Golden Bantam. Highly prized by market growers and excellent for home garden. Flavor, tenderness and quality are superb. Ear: 7 inches long; kernels golden yellow, sweet, tender and of good flavor. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 50c, 5 lbs. \$1.30, prepaid.—Not prepaid, 15 lbs. at 20c per lb.

226. GOLDEN BANTAM—(79 days.) To most home gardeners, sweet corn means Golden Bantam. Also desirable for trucking and canning. It is medium early, dependable and of wonderful quality. Ear: 6½ inches long, 8-rowed. Kernels broad with tender hull, sweet and of exceptionally fine flavor. Stalk: 5 to 5½ feet high. Pkt. 8c, ½ lb. 20c, lb. 30c, 2 lbs. 50c, 5 lbs. \$1.15, prepaid.—Not prepaid, 15 lbs. at 18c per lb.

227. GOLDEN EARLY MARKET—(67 days.) Also known as Golden Hummer. One of the finest extra early yellow varieties for market. Ears have strong husks, 8 to 12-rowed and 6½ inches long. Kernels are golden yellow, tender, sweet and of good flavor. Stalk: 5 feet. Very heavy yielding for such an early sort. Fine for home gardens also. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.30, prepaid.—Not prepaid, 15 lbs. at 20c per lb.

228. EXTRA EARLY GOLDEN GEM—(60 days.) Originated by the North Dakota Agricultural College. Now the long-looked-for time when luscious corn on the cob may be enjoyed has been advanced 10 to 12 days, for Golden Gem is ready that much earlier than its grandparent, Golden Bantam. It is proving a gold mine to market gardeners in reaching the earliest market. Ear: 6 inches long, 8-rowed; kernels deep yellow, tender, exceptionally sweet and of good flavor. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.30, prepaid.—Not prepaid, 15 lbs. at 20c per lb.

245. EARLY GOLDEN SWEET—(67 days.) To develop an extra early variety with the quality of Bantam, has taken many years. Early Golden Sweet proved to be the best of many tested. Ear: 6½ inches long, 12-rowed. It gives you Bantam quality—almost two weeks earlier. Pkt. 8c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.30, prepaid.—Not prepaid, 15 lbs. at 20c per lb.

Hybrid Sweet Corns

246. IOWANA—All-America Winner. A midseason 12 to 14-rowed light yellow hybrid sweet corn developed at the Iowa State College. Similar to Bantam Evergreen. Vigorous, resistant to lodging and wilt, and withstands heat and drouth. The uniform cylindrical ears are 8 inches long with deep kernels of finest flavor. Valuable for home garden and canning. Prices below.

MINHYBRID 203—Eight days earlier than normal Golden Bantam. Absolutely no other corn so sweet and tender. A real gold mine for the market grower who specializes in quality. Ears: 6 to 6½ inches long, 8-rowed, yellow, maturing evenly. Plant: somewhat shorter and yield is better than that of normal Bantam. Prices below.

MINHYBRID 202—Five days earlier than normal Bantam but still surpassing it in both quality and yield. Produces 15,000 marketable ears per acre! Fancy quality, extra tender, with high sugar content. Ears: 6 to 8 inches long, 8-rowed, with a few ears 10-rowed; kernels medium, large, yellow. All ears mature uniformly. Prices below.

See Color Illustration on Inside Back Cover

247. MARCROSS C6.13—(72 days.) One of the earliest hybrids. Developed by the Connecticut Experiment Station as a first early market and home-garden variety. Stalks are only 5 feet tall, but sturdy; highly resistant to Stewart's disease. Ears: 7 inches long, plump, abruptly tapered at tips; 10 to 14-rowed, with light cream-yellow, medium broad kernels of good quality. Prices below.

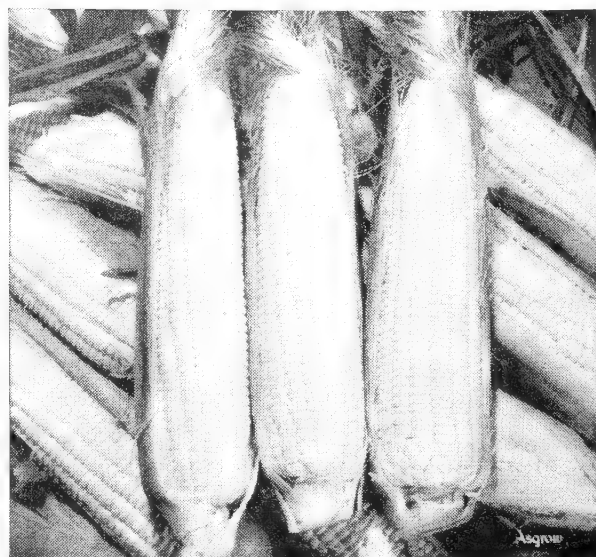
244. GOLDEN CROSS BANTAM—(84 days.) An extra heavy yielding Golden Bantam hybrid favored by the leading canning factories. Famous for its large ears, uniformly filled with tender golden kernels of high sugar content. Well adapted to market growing. Stalk 6 ft. high, ears 8 inches long, 10 to 14 rowed. Prices below.

PRICE OF ALL HYBRID SWEET CORN

Your choice of any Hybrid variety listed above. Pkt. 10c, ½ lb. 25c, lb. 45c, 2 lbs. 80c, 5 lbs. \$1.75, prepaid.—Not prepaid, 15 lbs. and over at 30c per lb.

Summer-Long Hybrid Blend No. 222

Hybrid Sweet Corn matures very evenly—making a short picking season. To overcome this we offer a special mixture of the hybrids described above. Plant a patch to this superb mixture all at one time, it will supply you with sugary sweet corn maturing continuously in 65 to 90 days. Prices above.

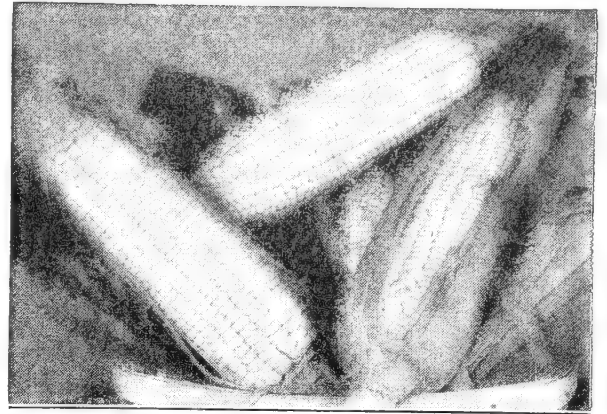


Iowana, a leading Hybrid highly resistant to
drouth and wilt.

Lengthen Your Sweet Corn Picking Season— By Planting The Late Varieties

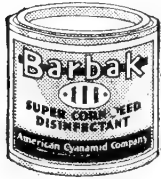
234. OREGON EVERGREEN—(87 days.) A medium late variety which has long been a favorite on the Pacific coast. It has recently been found to produce successfully in the Middle West. We ask canners, home and market gardeners to try this corn. Ear: 7½ to 9 inches long, 14 to 18-rowed, medium thick; kernels clear white, medium length, sweet and of good flavor. Stalks: 7 to 7½ feet. Pkt. 8c, ½ lb. 20c, 1b. 35c, 2 lbs. 65c, 5 lbs. \$1.50, prepaid.—Not prepaid, 15 lbs. at 23c per lb.

242. STOWELL'S EVERGREEN—(90 days.) The most popular late variety of sweet corn. Highly desirable for home or market gardening or for canning. Holds its prime condition at eating stage a long time. Ear: 9 inches long, 16 to 20-rowed; kernels clear white, deep medium width, sweet and tender. Stalk: 8 to 10 feet high, sturdy and erect. Pkt. 8c, ½ lb. 20c, 1b. 35c, 2 lbs. 65c, 5 lbs. \$1.50, prepaid.—Not prepaid, 15 lbs. at 23c per lb.



Oregon Evergreen is a delicious late white Sweet Corn.

Treat All Your Seed Corn With BARBAK The Super Corn Seed DISINFECTANT



Four ounces is sufficient to treat two bushels of corn. Increases germination and stand, and insures vigorous seedlings.

Costs less than 2c per acre.

Price: 1½-oz. packet (enough for 1 bu. seed) 15c, prepaid.—Not prepaid, 1-lb. tin (60-acre size) 75c, 5-lb. tin \$3.00.

We offer treated Sweet Corn in 10-lb. lots and over at 2c per lb. extra.

Save Your Corn Crop—Use MASTER EAR WORM DUST

Remember what a time you had with ear worm in your sweet corn in the past? Well here's an easy, inexpensive way to put a stop to the ravages of the corn ear worm this year.

Merely apply "MASTER EAR WORM DUST" when the silks begin to appear. Apply every 10 days until two or three applications have been made.

"MASTER EAR WORM DUST" is very easily and quickly applied, and saves its cost tenfold in enabling you to produce a perfect crop of sweet corn. Full instructions on every package. (Use 40 to 50 lbs. per acre.)

Prices: 1 lb. 25c, prepaid.—Not prepaid, 5 lbs. 75c, 10 lbs. \$1.25, 100 lbs. \$5.00.

"Make The Garden Pay"

An 80-Page Guide for the Gardener

Tells how to get the most out of your vegetable garden. Gives cultural instructions, information on insect enemies, hotbed making, vegetable storage, etc. Fully illustrated. "Make The Garden Pay" is not for sale, but is given free with a \$2.00 order for vegetable or flower seed, or with a \$5.00 order for farm seeds.

Ask for it with your order.

F. S. & N. Co.:

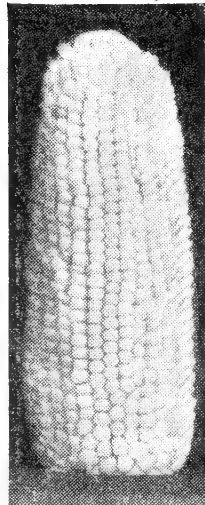
I have used your seeds for several years. They germinate so well and produce such a good garden that our relatives want some seed just like ours. That is the reason I am ordering several packages of the same varieties instead of larger quantities.

Our garden is close by our house and is often admired by visitors.

Mrs. Roy A. Fay, R. No. 6,
Waterloo, Iowa.

243. COUNTRY GENTLEMAN—(93 days.) Here is a late, prolific variety of excellent quality, used widely by canners; also very desirable for home and market gardens. Ear: 7¼ inches long; kernels very deep, slender, sweet, with tender hull, and set irregularly without row formation. Stalks: 7½ feet high, often bearing two ears. Pkt. 8c, ½ lb. 20c, 1b. 35c, 2 lbs. 65c, 5 lbs. \$1.50, prepaid.—Not prepaid, 15 lbs. at 23c per lb.

Pop Corn is a Profitable Crop



Hybrid Hulless
Pop Corn

CULTURE—Plant 12 pounds to the acre, in drills, or use 6 pounds if planted in hills. Plant in rows 3 feet apart, dropping the seed 1½ feet apart in the rows. We have discarded all but the outstanding varieties. Such old-timers as White Rice and White Spanish cannot compete in quality and flavor with the newer introductions.

250. NEW HYBRID HULLESS—The last word in Pop Corn. Developed by the Minnesota Experiment Station, it far surpasses the old Jap. Hulless—records show a 16% greater yield per acre, and a 29% greater popping expansion. Hybrid Hulless is the finest Pop Corn obtainable from the standpoint of quality, flavor and tenderness. Pkt. 8c, ¼ lb. 15c, ½ lb. 25c, 1b. 45c, 2 lbs. 80c, 5 lbs. \$1.75, prepaid.

248. BURBANK GOLDEN AMBER—Practically hulless. An average ear makes a popper full of golden yellow kernels. Ears 7 inches in length and 1¼ inches in diameter. In seasons when other corn carries excess moisture, Burbank is fully matured and in popping condition by November 1st. A profitable and prolific variety. Pkt. 8c, ¼ lb. 15c, ½ lb. 25c, 1b. 40c, 2 lbs. 70c, 5 lbs. \$1.50, prepaid.

252. "FARIGOLD" SOUTH AMERICAN YELLOW—Pops the largest kernels of any variety, crisp and tender, fine-flavored, of a rich golden butter color. Produces more bushels to the acre, as the ears are large, averaging 7 to 9 inches in length. Though of South American origin, we have matured our own seed crop here in Minnesota, so that the seed we offer will mature earlier. Northern Strain: Pkt. 8c, ¼ lb. 15c, ½ lb. 25c, 1b. 40c, 2 lbs. 70c, 5 lbs. \$1.50, prepaid.

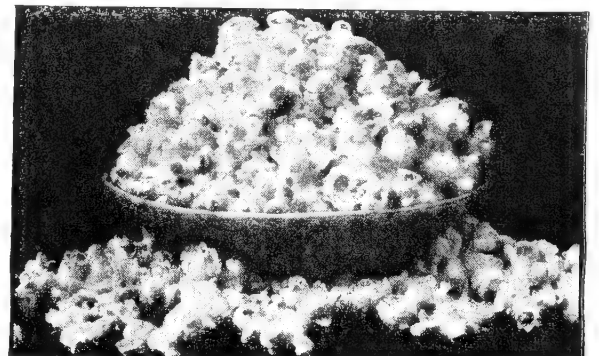
Eat More Pop Corn!

(This corn is for popping only—it is not suitable for seed)

NEW HYBRID HULLESS
5 lbs. 65c
10 lbs. \$1.20
Not Prepaid

**FARIGOLD SO. AMERICAN
YELLOW**
5 lbs. 65c
10 lbs. \$1.20
Not Prepaid

Postage to 3rd zone:
17c on 5 lbs. 27c on 10 lbs.



"Farigold" Pop Corn has large, buttery kernels of delicious flavor.

Enjoy Sweet Corn late in the season as well as early. Country Gentleman is an excellent choice.

Cucumbers



One of The Choicest is
"A and C" or Colorado

One ounce will plant 50 hills; three pounds for an acre.

CULTURE—Cucumbers require warm rich soil. When all danger of frost is past, plant in low flat hills, 4 to 6 feet apart each way. Scatter 10 to 12 seeds in a one foot circle in each hill and cover one-half inch. If the soil is naturally poor, work a forkful of decayed manure into each hill before planting. When plants are about 5 inches tall, thin out, leaving the five strongest to each hill. Keep the soil cultivated as long as it can be done without injuring the spreading vines. Kill Squash Bugs and Cucumber Beetles with Pyrocide Dust, see Price Below.

NOTE: Days from planting to picking are listed here. The letters W. S. and B. S. indicate the white spined and black spined varieties.

◀"A and C"
or Colorado—
Symmetrical, dark
green in color, with
crisp, delicious flesh.

HOTKAPS protect young cucumber plants from beetles until the vines begin to run. See page 28.

For Slicing and Salads

256. STRAIGHT EIGHT—All-America Gold Medal Winner. (66 days.) The most desirable slicing cucumber you can plant. The straight symmetrical fruits grow about 8 inches long and about 1½ inches in diameter. A very convenient size and shape. The color is a rich, deep green. Pkt. 10c, oz. 20c, ¼ lb. 75c, lb. \$2.75, prepaid.

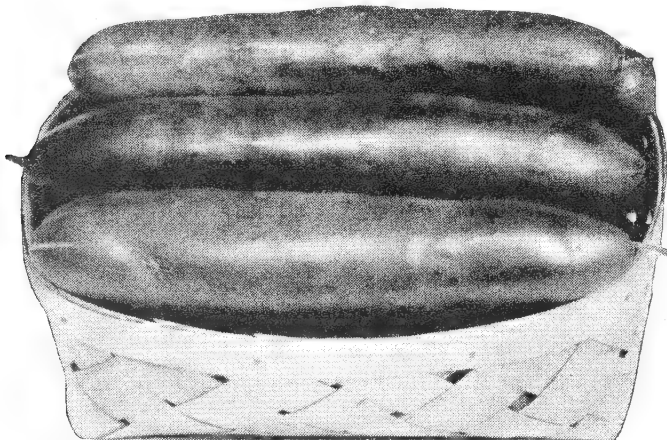
259. NEW "A & C" or COLORADO—W. S. (60 days.) A long, slender cucumber of excellent shape and intense dark green color. The fruits are 8 to 9 inches long and average 2 inches in diameter; they hold their color longer than any other type. Seeds form late in the season and are few. Pkt. 10c, oz. 20c, ¼ lb. 75c, lb. \$2.75, prepaid.

260. IMPROVED LONG GREEN—(70 days.) (Black spined.) This is a standard late variety for home garden; excellent for slicing; hardy and prolific. Dependable. Pkt. 8c, oz. 15c, ¼ lb. 55c, lb. \$2.00, prepaid.

270. DAVIS PERFECT—(65 days.) W. S. An excellent mid-season variety for shipping or home table use. Splendid quality and appearance. Fruit: 9 to 10 inches long, 2½ inches thick, weight 2 lbs.; dark green, tapered at both ends; flesh crisp and of good quality. Pkt. 8c, oz. 15c, ¼ lb. 55c, lb. \$2.00, prepaid.

272. THE LONGFELLOW—(70 days.) W. S. (Vaughan.) Ideal for home garden, forcing or shipping. One of the best long, late varieties. Excellent quality. Perfectly uniform, long, slender shape. Fruit: 12 to 15 inches long, 2¾ inches thick; weight 2¾ lbs.; dark green, symmetrical and attractive. Holds color and crispness well after picking. Pkt. 10c, oz. 20c, ¼ lb. 75c, lb. \$2.75, prepaid.

278. TAXPAYER—(Early.) W. S. This striking cucumber is uniformly 9 inches in length, with tapering ends and of an intense dark green color. Produces cucumbers over a long period of time, and many of them. Developed from Early Fortune which was the best seller of all White Spines because of its extreme earliness, and abundant yields. Pkt. 8c, oz. 15c, ¼ lb. 55c, lb. \$2.00, prepaid.



Straight Eight—a beautiful streamlined variety ideal for slicing.

For Dill see Page 26

KILL CUCUMBER BEETLE & SQUASH BUG

Cucumber Beetles and Squash Bugs (also known as stink bugs), have long been a big problem with no effective control available. Now you can protect melons, squash and cukes with non-poison Pyrocide, a new type dust, so powerful it controls these hard-to-kill pests, and most all types of sucking and chewing insects on fruits and vegetables including Aphids, Cabbage Worms, Mexican Bean Beetles, Leaf Hoppers, as well as house pests: flies, ants, roaches, etc. 5 lbs., \$1.25, 25 lbs. \$4.25, 100 lbs. \$16.00, f.o.b. Faribault.

**NON-POISONOUS
PYROCIDE
DUST**

HIGH IN KILLING POWER
UNIFORM

1 LB. POSTPAID **45c**

All-Season Cucumber Collection

One } Earliest Pickling
Pkt. } Straight Eight
Each } Longfellow

for
25¢
ppd.

This is F. S. & N. Co.'s Earliest Pickling, finest of all pickling varieties.

For Pickling

255. F. S. & N. CO'S EARLIEST PICKLING—(53 days.) The finest strain of pickling cucumber. It is early, exceptionally vigorous and hardy, and highly productive. Its quality is unsurpassed. Fruit: 6 inches long, 2½ inches thick, straight, smooth, symmetrical, of dark green color; quality and flavor excellent. Pkt. 8c, oz. 15c, ¼ lb. 50c, lb. \$1.75, prepaid.

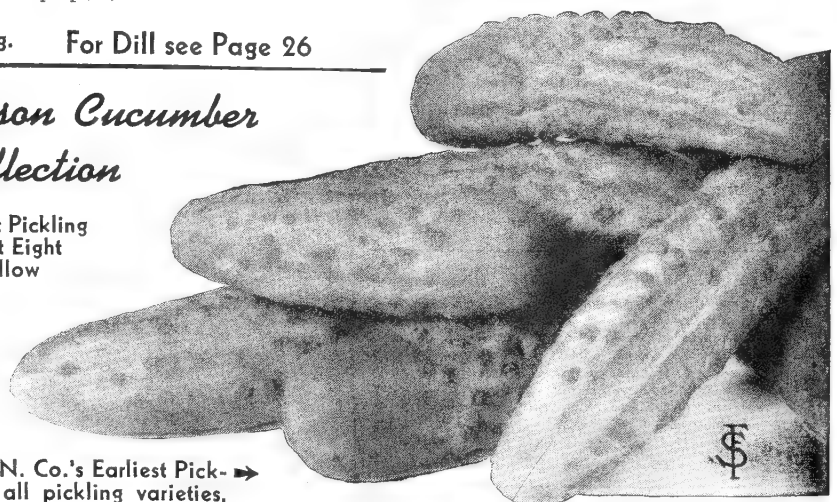
Illustrated in Color on Back Inside Cover.

257. CHICAGO PICKLING—(59 days.) B. S. (Westerfield Pickling.) Most widely used of the pickling varieties. Also good for slicing. Fruit: 6½ inches long, 2½ inches thick, medium green, square ended, attractive and prolific. Pkt. 5c, oz. 12c, ¼ lb. 40c, lb. \$1.50, prepaid.

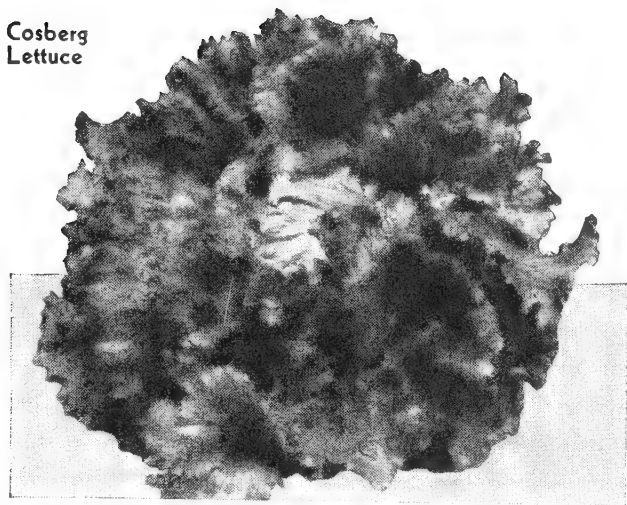
261. EVERBEARING—(55 days.) B. S. A small, very early variety used for early pickles. Its outstanding feature is that the vines continue to bear throughout the growing season. Fruit: 4½ inches long, 2 inches thick; weight 1¼ lbs.; chunky. Pkt. 5c, oz. 12c, ¼ lb. 40c, lb. \$1.50, prepaid.

A Bush Cucumber to fit the Small Garden

254. MINCU—(45 days.) Developed by the Minnesota Experiment Station, this new cucumber is ideal for the small home garden, as the plants grow only about 12 inches tall and rarely more than 18 inches in diameter. The fruits are produced early and are about 5 inches long and 2½ inches in diameter when fully matured. Hills should be planted about 2 feet apart. Cultivation, spraying and dusting are easily taken care of with this bush-type cucumber. Pkt. 10c, oz. 20c, ¼ lb. 70c, lb. \$2.50, prepaid.



Cosberg
Lettuce



If you have found it hard to grow Head Lettuce try
Cosberg, the new sure-heading variety.

Head Lettuce

CULTURE—For early crops start seed in March in the hotbed, covering $\frac{1}{4}$ inch. When seedlings are 2 inches tall, transplant to coldframes, setting them 4 inches apart each way. When the ground is warm enough transplant to garden, setting plants 1 foot apart, in rows 12 to 16 inches apart. For general crop, make successive sowings during April and May, thinning plants to proper distance apart. For a fall crop, sow seed in August, to head during the cool weather of September and October.

333. COSBERG—A 1942 All-America Selection. This is a sure-heading lettuce, especially adapted to growing conditions in the Midwest. The heads are small, compact and firm; leaves are light green and attractively curled. Cosberg heads early and under adverse conditions, when standard varieties fail. If you have had difficulty in growing Head Lettuce, try this one. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, prepaid.

335. CRISP-AS-ICE—B. S. (74 days.) A popular sort for the home garden. Forms compact medium-sized head, well blanched and of delicate flavor. Leaves thick and crumpled; deep green overlaid with dark brown, giving a bronze appearance. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.10, prepaid.

338. WONDERFUL, NEW YORK OR LOS ANGELES—W. S. (80 days.) The outstanding shipping variety, known in all markets. Flavor and tenderness are combined with unusual keeping qualities. Our special strain is noted for the large size of heads. The dark green leaves are slightly curled on the edges. The large, tightly folded cabbage-like head is well blanched, crisp and sweet. Quality is excellent. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.25, prepaid.

339. NEW IMPERIAL NO. 44—W. S. (83 days.) Heads very large, solid, crisp and sweet; leaves light green and crumpled, with edges curled and waved. Imperial does well under varying weather conditions, and is somewhat resistant to brown blight and mildew. An excellent shipper. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.25, prepaid.

The Pocket BOOK of VEGETABLE GARDENING

By Charles H. Nissley

How, When and Where to Plant . . .

The latest practical advice on growing food for home use . . . easy to understand . . . complete. Includes specially prepared charts showing VITAMIN CONTENTS AND NUTRITIONAL VALUES as well as specific instructions for raising each vegetable. There are charts for 50 vegetables.

241 Pages

52 Illustrations

30¢
ppd.

Grow Plenty of Lettuce for Delicious Healthful Salads

One ounce will sow 150 feet of row; four pounds plant an acre.

NOTE: The letters B. S. and W. S. refer to the black seeded and white seeded varieties.

Tender Leaf Lettuce

CULTURE—Sow as early in spring as the ground can be worked, in rows 12 inches apart; cover seed $\frac{1}{4}$ inch. A rich, sandy loam is best. When plants are 3 or 4 inches tall, thin out to stand 6 inches apart. For early crop, start in hotbed in early March, later transplanting the seedlings to coldframes, or to a sheltered position in the garden. If lettuce is cut above the crown, it will grow new leaves.

324. OAK LEAF—(40 days.) Shaped like an oak leaf, deep green in color and therefore exceptionally rich in vitamins, tender and of superior flavor. Oak Leaf stands up well in hot weather and does not turn bitter. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75, prepaid.

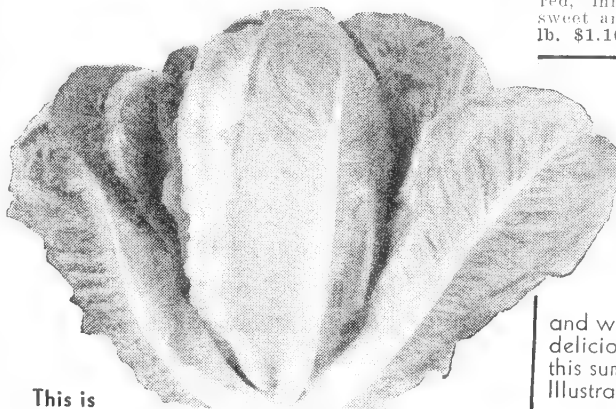
See Color Illustration of Oakleaf Lettuce on Inside Back Cover.

325. GRAND RAPIDS—B. S. One of the most popular loose-leafed varieties. Excellent for early planting and greenhouse forcing. It is very early, hardy, and disease resistant and is exceptionally tender when grown under glass. Handsome leaves are light green, broad, wavy, curly and heavily fringed. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.10, prepaid.

326. BLACK SEEDED SIMPSON—Early and dependable in all parts of America. Popular in many home and market gardens. Plant is large, attractive, compact, non-heading. Leaves are light green, broad and frilled; of fine, crisp texture and quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.10, prepaid.

327. SIMPSON'S EARLY CURLED—W. S. The most widely used home garden variety. Early, hardy, dependable. Plant is large, compact, lustrous green, non-heading. Leaves broad, frilled, firm, very crisp and sweet—of excellent quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.10, prepaid.

329. PRIZEHEAD—W. S. A very early, quick growing, non-heading sort which is rapidly becoming the most popular loose-leaf variety for home gardens. Leaves are broad, crumpled and frilled; outside leaves tinged red, inner leaves wholly green; very crisp, sweet and tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.10, prepaid.



This is
Cos Lettuce,

Grow it for midsummer and early fall use.

Romaine or Cos Lettuce For the Salad Bowl.

330. WHITE PARIS—W. S. (70 days.) Considered the finest of all lettuces in flavor. Famous chefs prefer it for salad because of its tenderness and delicious flavor. Self-folding, with dark green leaves forming oval-shaped heads with greenish-white interior. The entire plant is tender and palatable. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75, prepaid.

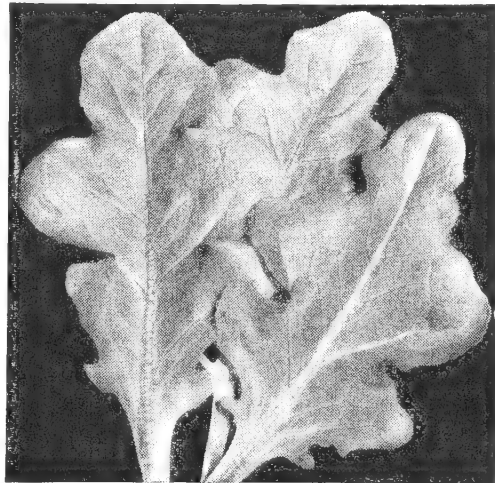
Mixed Lettuce for the Small Garden

340. MIXED LETTUCE SEED—All kinds mixed. If not sown too thickly, will make a continuous crop. The best early and late varieties of curly leaf as well as head lettuce. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, lb. \$1.00, prepaid.

341. CHICKEN LETTUCE—Chickens need green food. This lettuce will yield a large amount of greens throughout the season, as it makes successive crops after cutting. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. 95c, prepaid.

Celtuce—A New Vegetable Belonging to the Lettuce Family But Entirely Different in its Growth and Uses

The young leaves may be eaten as a salad, but its chief value is its central stem or stalk. This must be peeled down to where it becomes light green and tender, and whether eaten raw or cooked, is truly delicious. Grow Celtuce in your garden this summer. Prices on page 9. Celtuce is illustrated in Color on Inside Back Cover



The Tender Dark Green Leaves of Oak Leaf Lettuce are Excellent for Salads!

As a salad lettuce, Romaine or Cos has no superior—the leaves are dark green, sweet and succulent.

Muskmelons — Fresh from the Vine!

One ounce will plant 60 hills.
Two to three pounds per acre.

CULTURE—Muskmelons require warm, rich soil, slightly sandy. Plant when all danger of frost is past, in hills 6 feet apart each way, 8 to 10 seeds to a hill. Well-rotted manure carefully worked into the soil is beneficial. After danger of insects is past, thin out to 3 or 4 plants to a hill. Cultivate until vines cover the ground, and pinch off the ends of the vines. Give them plenty of moisture.

Golden Gopher MUSK MELON



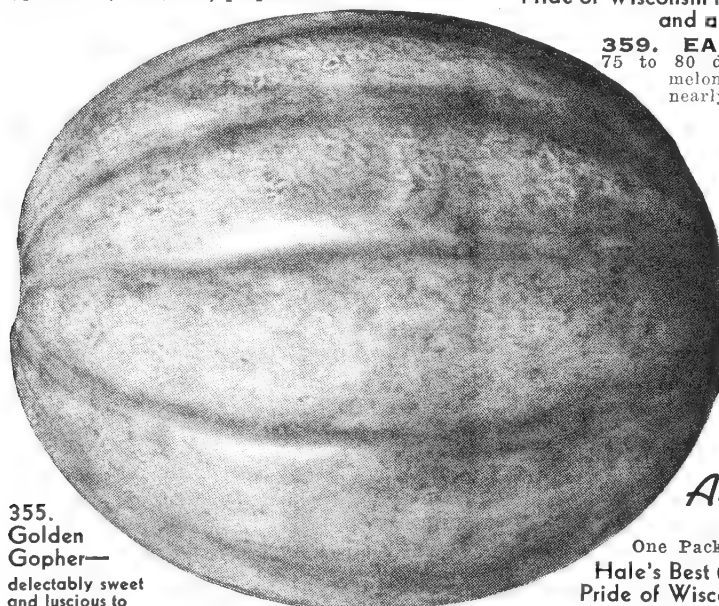
Wilt Resistant

355. GOLDEN GOPHER—85 days. Developed at the University Farm, St. Paul, Minnesota, for resistance to fusarium wilt.

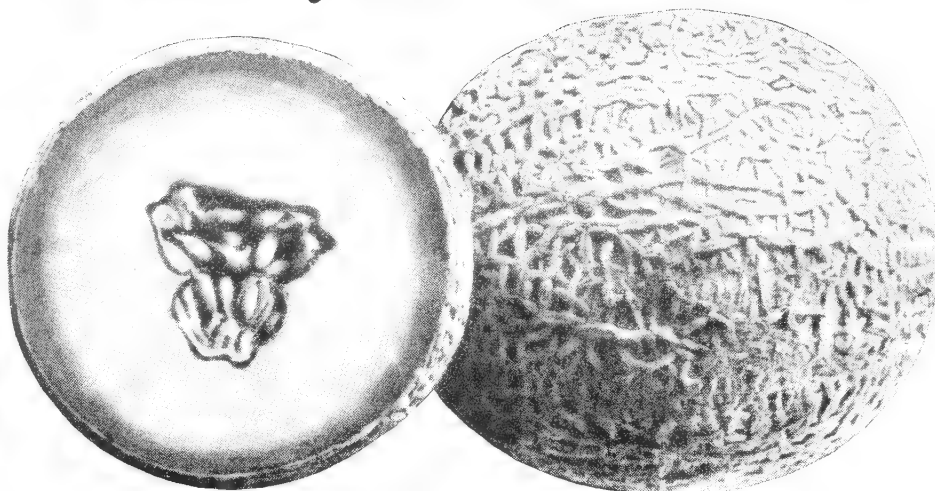
Of the Pride of Wisconsin type, with thick fine-flavored flesh, luscious to the very rind. Fruits oval, with light but coarse netting; about 3½ lbs. A winner for early market. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.

356. PRIDE OF WISCONSIN—90 days. A most attractive new melon, on the outside and when cut. Similar to Honey Rock but heavier and has harder rind, much thicker flesh (which does not soften when mature), and small seed cavity. Therefore a better shipper and keeper than Honey Rock. Rind: very hard, pearly grey, with heavy netting. Flesh: very thick, of good flavor and rich orange color, with compact seed cavity. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.

358. HALES BEST—80 days. Popular early shipping cantaloupe. Flavor and quality excellent, and withstands drought. Can be shipped long distances. Fruit: oval, 6½ inches long, almost devoid of ribbing, covered with heavy netting. Flesh: extremely thick, orange color, sweet and of fine flavor. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.75, prepaid.

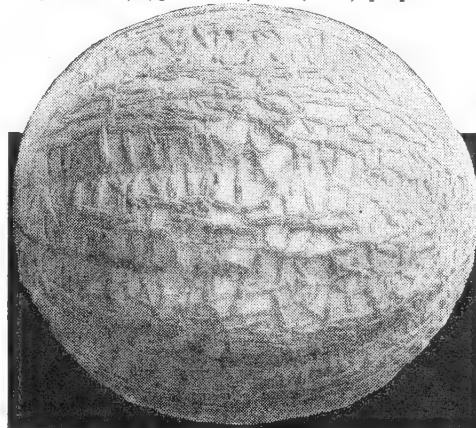


355. Golden Gopher—delectably sweet and luscious to the very rind.



357. Sugar or Honey Rock has thick salmon flesh, sweet and delicious.

357. SUGAR OR HONEY ROCK—85 days. A money-maker and a source of pride for every grower. Handsome in appearance, distinctive in flavor. Sweet as sugar, solid as a rock and easy to grow. Fruit: nearly round, about 6 inches in diameter. Weight: 4 lbs. Skin grey-green, covered with coarse netting. Flesh: thick, juicy, orange color, with fine flavor. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.



Pride of Wisconsin has extremely thick flesh and a hard rind.

359. EARLY LAKE CHAMPLAIN—75 to 80 days. The earliest orange fleshed melon. Fine flavor and quality. Fruit: nearly round, 5 to 6 inches in diameter, slightly ribbed and covered with moderately coarse netting. Flesh: fairly thick, deep orange-salmon in color, juicy and very sweet. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.

360. OSAGE OR MILLER'S CREAM—92 days. A popular old favorite for home or market growing, and a good yielder. Fruits are oval or egg shaped with slight ribs and netting and dark green skin when immature, ripening to mottled orange and green. Melons are 7 inches long, weigh 5 lbs. Small seed cavity with very thick, firm, pink flesh of spicy flavor. A good shipper. Pkt. 8c, oz. 15c, ¼ lb. 45c, lb. \$1.50, prepaid.

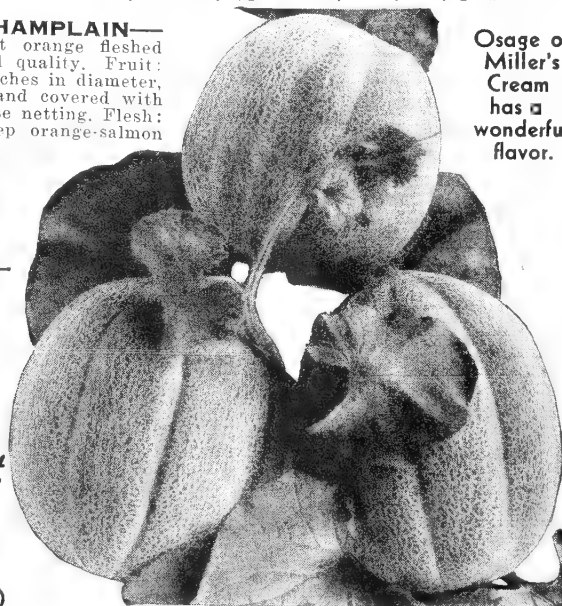
362. MILWAUKEE MARKET—87 days. This is a large melon, averaging 8 inches in diameter. The seed cavity is small and the thick salmon flesh is fine textured with a sweet delicious flavor. Almost round in shape, heavily netted with prominent ribs; uniform in size and quality. A wonderful melon for the home garden. Pkt. 8c, oz. 15c, ¼ lb. 45c, lb. \$1.50, prepaid.

364. HEARTS OF GOLD—95 days. Grown extensively by market gardeners. A good shipping type. Follows the earlier varieties. Quality is splendid. Fruit: 6 inches thick, practically round, covered with fine netting. Flesh: very thick, deep pink, tender, juicy, sweet and aromatic. Pkt. 8c, oz. 15c, ¼ lb. 45c, lb. \$1.50, prepaid.

Green Fleshed Melon

350. MINNESOTA MELTING SUGAR—86 days. The sweetest richest flavored of all green-fleshed muskmelons. Fruit: oval in form, distinctly ribbed and heavily netted. Flesh: very firm, of green color, exceptionally sweet, sugary, juicy and tender, with rich aromatic flavor. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00, prepaid.

Osage or Miller's Cream has a wonderful flavor.



All Season Melon Assortment

One Packet Each. **20c**
Hale's Best (Early)
Pride of Wisconsin (Medium)
Osage or Miller's Cream (Late)

To know when a Muskmelon is ready to eat, examine the stem end. If no cracks appear, the fruit is immature. When cracks appear, it is time to gather the melons.

Klondyke Sugar Watermelon

New Wilt-Resistant Strain



Dixie
Queen
One of the
Sweetest Melons

Four ounces will plant 100 hills; sow 3 to 4 pounds per acre.

Culture—The best soil for growing watermelons is light, rich, and sandy. When the ground is thoroughly warm, and all danger of frost is past, drop 8 to 10 seeds in hills 8 to 10 feet apart, covering the seed about an inch. When the plants begin to run to vines, thin out all but the three strongest plants in each hill.

Note—A Ripe Watermelon has a somewhat velvety surface, and a dull rather than a bright appearance. The underside hardens and turns yellow, and the tendril nearest the fruit turns black and shrivels.

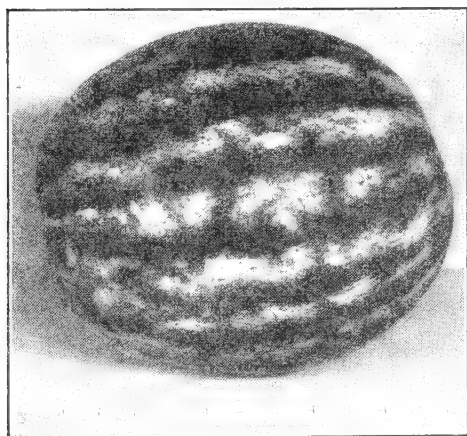
375. DIXIE QUEEN—(85 days.) A new early melon of excellent quality. It is semi-round, with a thin tough rind and stands shipping. The color is light green alternately striped with dark green. Weight about 32 pounds. The flesh is deep pink and the few seeds are small and white. One of the sweetest melons. Pkt. 8c, oz. 15c, ¼ lb. 40c, ½ lb. 60c, lb. \$1.10, prepaid.

Home Garden Watermelon Collection

ONE PKT. EACH	Early Northern Sweet Early Kansas Will Rogers Klondyke Sugar	28c
One ounce of each for 45c, prepaid.		

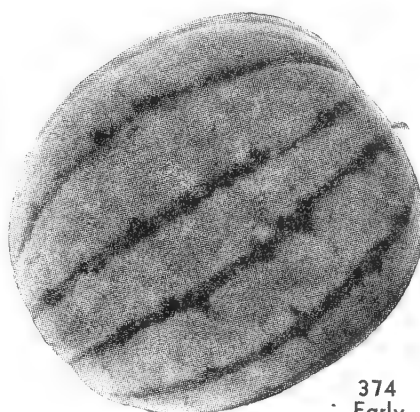
370. COLE'S EARLY—(75 to 80 days.) A leading first early variety for home garden and truckers to local markets; reasonably productive, and particularly desirable for the Northwest as it matures in a short season. Fruit: weight 20 lbs., medium size, short, oval, with alternate light and dark green stripes; tender rind. Flesh: pink-red, of good flavor; seeds black. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 80c, prepaid.

371. EARLY ROUND LIGHT ICING—(85 days.) A very productive mid-season melon of excellent quality. Adapted to home or market gardens in the Northwest. Fruit: weight 20 lbs., oval round, very uniform, light green, with indistinct veining of darker green. Rind thin and tender. Flesh: light red, of excellent quality; seeds white. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 80c, prepaid.



Early Kansas has rich red flesh, a thin rind and very solid center.

369. EARLY KANSAS—(Also known as Red Russian or Red Seeded Hutchinson.) (85 days.) A new melon of genuine merit. It has suddenly become very popular on the markets of the Midwest, due to its earliness combined with large size, and its attractive appearance—plus fine quality. The skin is dark green with alternate stripes of a lighter shade. The rind is of medium thickness—well suited for carrying reasonable distances—and the flesh is a rich red color, of delightful flavor. Average size 15 by 13 inches; weight 40 lbs. Seeds brown. Pkt. 8c, oz. 12c, ¼ lb. 30c, ½ lb. 50c, lb. 90c, prepaid.



374
Early
Northern Sweet
Ripens in 9 to 10 Weeks!

374. EARLY NORTHERN SWEET—Here's the newest thing in watermelons for the North. Introduced by Minn. Experiment Station, and the seed was originally brought in from Russia. This amazing melon ripens in 9 to 10 weeks from planting. Of an attractive green color, striped with lighter green. Flesh is dark red and tender, with a rich sugary flavor. Weighs 9 to 10 lbs. Splendid for early market or home garden. It is important that melons be picked as soon as they ripen, otherwise flesh tends to become slightly stringy. Pkt. 8c, oz. 10c, ¼ lb. 30c, ½ lb. 50c, 1 lb. 90c, prepaid.

382. WINTER MELON—(78 days.) Here's a sweet luscious watermelon for your Thanksgiving dinner, from your own garden. An early sort, very prolific and an excellent shipper. This melon will keep 2 months after picking if properly stored. Fruit: small, weight 10 lbs., round, pale yellow when ripening. Flesh: bright red, crystalline, very sweet. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 80c, prepaid.

383. KLECKLEY'S SWEET—(85 days.) A splendid medium early variety, especially desirable for home garden use and for truckers serving local markets. It will not stand long distance shipping. A melon of outstanding quality and unusual sweetness. Fruit: large, weight 30 to 40 lbs., cylindrical dark bluish green, with thin tender rind. Flesh is bright red, tender and extremely sweet. Seeds white. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 80c, prepaid.

384. WILL ROGERS—(88 days.) Another new early melon of the Stone Mountain type, often growing to enormous size. Average size 14 by 12 inches; weight 35 lbs. Shaped like Stone Mountain, with white seeds tipped black. Skin is dark green, and flesh is bright red—of good quality. Pkt. 8c, oz. 12c, ¼ lb. 30c, ½ lb. 50c, lb. 90c, prepaid.

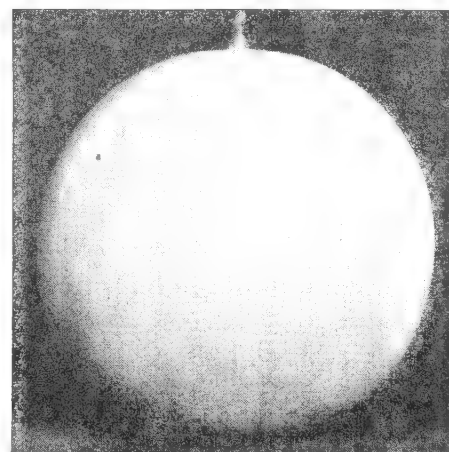


A Klondyke Sugar Melon grown by
Mr. Fred Wittenberg, Turtle Lake, Wis.

385. GOLDEN HONEY—(88 to 90 days.) An excellent home garden or local market melon with amber-yellow flesh that is so sweet, crisp and glistening it fairly melts in your mouth. Fruit: medium size, weight 20 lbs., chunky, nearly round, light green with mottled darker green stripes; rind brittle. Flesh: amber-yellow, crisp and delicious, free from stringy sections. Seeds brown. Pkt. 5c, oz. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 80c, prepaid.

387. KLONDYKE SUGAR—A Wilt Resistant Melon—(90 days.) For edible qualities and attractive appearance Klondyke is surpassed by no other melon. Solid dark green in color, with slight ribs running lengthwise. The rind is thick enough to stand shipping. Weight 25 pounds. The flesh is scarlet to the rind. A truly delicious melon, high in sugar content. Pkt. 8c, oz. 15c, ¼ lb. 40c, ½ lb. 60c, lb. \$1.10, prepaid.

390. CITRON—For making preserves. Flesh: clear white and solid. Fruit: round and smooth, quite small. Pkt 5c, oz. 10c, ¼ lb. 25c, ½ lb. 45c, lb. 80c, prepaid.



382 Winter Melon—Long-Keeping! Also known as King & Queen Melon.

Melons are never so delicious as when they ripen on the vine in your own garden.

Leek

A Species of Onion

Though belonging to the onion family, the flavor is milder and subtly different when used in soups and stews.

For white tender Leeks, transplant when six inches tall to shallow trenches setting plants 3 inches deep and gradually let the soil fill in. In fall, ridge the soil about the plants so as to blanch the stems.

312. LONDON FLAG—Stems 8 to 10 inches long, 1½ inches thick, white and attractive. Pkt. 15c, ½ oz. 60c, 1 oz. \$1.00, prepaid.

Mustard

Used for Greens Same as Spinach

315. FORDHOOK FANCY—A handsome, mild variety, slow to bolt seed stalks; leaves bright green, plume-like, with fringed edges. Delicious as a salad, or cut and boiled like spinach. The reddish-brown seed is used for flavoring and in pickles. Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.00, prepaid.

Grow Your Own

FREE
LEAFLET

Mushrooms

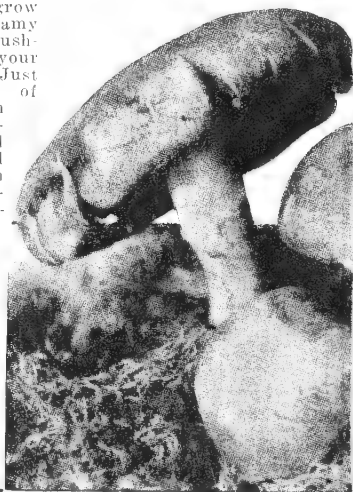
"How to Grow Mushrooms" with every order

You can grow a crop of creamy delicious mushrooms in your own lawn. Just plant cubes of mushroom spawn beneath the sod in spring and after a warm rain the mushrooms will appear.

Pure Brick
Spawn
40c each,
ppd.

Not Prepaid
5 bricks
\$1.65

10 Bricks
\$2.75



Okra or Gumbo for Delicious Soups

Okra pods are used in soups, stews, salads, catsup and relishes, and are very popular in the South. The pods should be gathered each day, while they are tender and pulpy. They are at their best when from one to three inches long. Okra is a hot weather plant and the seed should not be sown until late May when the ground is thoroughly warm.

217. DWARF GREEN—Grows low, is very productive. Pkt. 10c, oz. 20c, ¼ lb. 50c, prepaid.

Order Onion Sets & Plants Early



F. S. & N. Co.'s White Bottom Sets

One pound for 25 feet of row; 12 bu. per acre
(32 pounds equal 1 bushel)

Onion sets should be planted as early in spring as the ground can be worked and in a few weeks the delicious young onions are ready to serve on the table. Plantings may be successively made late into the summer, as long as the sets remain in good condition.

YELLOW BOTTOM SETS—The onions commonly planted in the home garden for early green onions, also for later use. Price: Lb. 35c, 2 lbs. 60c, 4 lbs. \$1.00, prepaid.—Not prepaid, pk. \$1.25, bu. \$4.50.

RED BOTTOM SETS—(Not offered.)

WHITE BOTTOM SETS—Price: Lb. 40c, 2 lbs. 70c, 4 lbs. \$1.25, prepaid.—Not prepaid, pk. \$1.50, bu. \$5.50.

RED SUMMER-TOP SETS—Make large size bulbs first year from sets. Excellent quality. Very scarce. Price: Lb. 45c, 4 lbs. \$1.40, prepaid.

EGYPTIAN PERENNIAL SETS—A hardy variety that may be planted either in spring or fall. They require no attention, spread rapidly, and make the first green onions for the table in spring. Price: Lb. 35c, 2 lbs. 60c, 4 lbs. \$1.00, prepaid.—Not prepaid, pk. (7 lbs.) \$1.30, bu. (28 lbs.) \$4.25.

YELLOW MULTIPLIERS—Flavor much superior to ordinary onions. Price: Lb. 35c, 2 lbs. 60c, 4 lbs. \$1.00, prepaid.—Not prepaid, pk. \$1.35, bu. \$4.90.

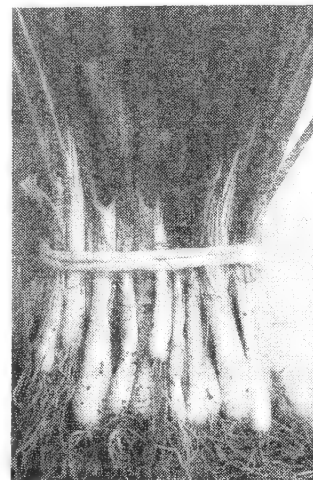
EBENEZER OR VICTORY ONION SETS—In shape and color, this variety resembles Yellow Globe Danvers, but it generally produces 50% more onions per acre. Its great superiority over other onions is the big yields, long-keeping quality, and freedom from going to seed. Ebenezer sets produce marketable onions in June and July, long before any others are ready. Price: Lb. 35c, 2 lbs. 60c, 4 lbs. \$1.10, prepaid.—Not prepaid, pk. \$1.35, bu. \$4.75.

Bermuda Onion Plants

Started in Texas from the finest strains of onion seed, the plants are lifted and shipped to be replanted in northern gardens. They will produce mild-flavored young green onions in the shortest possible time, or allowed to develop, will quickly grow to creaming or slicing size. Plant in rows 16 inches apart.

We can usually supply the following varieties: Yellow Bermuda, Crystal Wax, Prize taker and Valencia, but in case of shortage we reserve the right to substitute.

Orders will be shipped at proper time for setting out. We prepay to fourth zone only (600 miles). Beyond that, at customer's risk. 40,000 plants are required to plant an acre. Yields of 50-75 bu. from 6,000 plants are reported. All orders booked subject to crop.



Price Prepaid
to 4th zone

3 Bundles
60c

5 Bundles
90c

10 Bundles
\$1.65

Not Prepaid
Per Case of
60 Bundles
WRITE FOR
PRICE

Weight of
Case 35 lbs.
Bundles Con-
tain 75 to
100 Plants

Onion Plants not available after May 1st

Garlic Sets

Used for flavoring stews, soups, meats, dressings and sauces. Garlic is a perennial, a member of the onion family, but of much stronger flavor. The bulb separates beneath a thin, papery skin into divisions or "cloves." These cloves are planted in rows 12 to 18 inches apart and 4 to 6 inches apart in the row and covered with an inch or two of soil. When the tops have died, the bulbs are pulled, braided together by their tops and hung in a dry, airy place to cure. ½ lb. 25c, 1 lb. 45c, 5 lbs. \$1.75, prepaid.—Not prepaid, 10 lbs. \$2.50.



For Chives Plants see Page 27

SACCO
TRADE MARK REGISTERED
PLANT FOOD
Makes things Grow!

FOR GARDENS, LAWNS
SHRUBS—PLANTS—TREES

A single application makes grass and vegetables grow vigorously and flowers and shrubbery beautiful with bloom and foliage. Quick results, easy to apply, only a small quantity required, no offensive odor.

Used for years on lawns of fine homes—on golf courses—in private gardens—hot-houses—and nurseries of florists and commercial growers. Ten lbs. is sufficient to fertilize plot of lawn 20x25 ft.; 25 lbs. will cover plot 30 x 40 ft. (Use 2 to 4 lbs. per 100 sq. ft.).

Price: 5-lb. pkg. 45c, 10-lb. pkg. 85c, 25-lb. bag \$1.50, 50-lb. bag \$2.50, 100-lb. bag \$4.00, f. o. b. Faribault. Detailed instructions in each package.



THE FARMERS' READY RECORD BOOK—FREE

A simple accounting system for keeping accurate information on your farming operations—making it easy to conform with Income Tax Regulations. Contains tables of weights and measures—tables for estimating grain and hay—gestation tables. A most valuable record book for these times. Sent free on request with your Farm, Seed or Nursery order of \$2.00 or more—or with a Garden Seed order of \$1.50 or more. Outright purchase price, 25c.

Dependable Onion Seed

One ounce will sow 100 feet of drill; 5 pounds per acre.

CULTURE—The soil should be very carefully prepared for onions. The richer the soil, the better the crop will be. Plenty of fertilizer and wood ashes, well spaded in, are essential. Sow the seed as early as the ground can be worked, in rows 15 to 18 inches apart, covering $\frac{1}{2}$ inch deep. When the seedlings are 3 or 4 inches tall, they should be thinned out to stand 3 inches apart in the row. Keep them free from weeds and hoe often.

Long-Keeping Winter Onions

395. SOUTHPORT RED GLOBE—113 days. The finest of the red onions. Bulbs perfectly round, of good size, with small neck and thick, deep purplish red skin; flesh white, tinged with pink; a wonderful keeper and a heavy yielder. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.85, prepaid.

396. EXTRA EARLY YELLOW GLOBE—98 days. A money-maker for the early market. Ten days earlier than Southport Yellow Globe, and an exceptionally good keeper for so early a variety. Bulbs semi-globe shape, solid, uniform and attractive, with deep yellow color. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.85, prepaid.

397. MINNESOTA SOUTHPORT YELLOW GLOBE—112 days. A handsome, golden yellow globe, with tough, clinging skins. Flesh white, with creamy tone. Will keep in storage longer than any other. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.85, prepaid.

402. EBENEZER—100 days. An excellent variety for producing sets of exceptional keeping quality. Bulbs deep-flat, of medium size; dark yellow, very firm with thick skins. The sets when planted make an early maturing, good keeping onion for market. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.85, prepaid.

403. LARGE RED WETHERSFIELD—100 days. Used extensively for sets and for storage. Bulbs medium large, flat on the bottom, with sloping top. Skin deep purplish-red; flesh white, slightly flushed with pink, fine-grained and firm. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.85, prepaid.

404. BRIGHAM YELLOW GLOBE—110 days. Highly productive, with exceptional keeping qualities. Bulbs globular with rounded bottom; a deeper blockier type than Yellow Globe Danvers; solid, well covered with tight-fitting thick skins. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.85, prepaid.

407. YELLOW GLOBE DANVERS—110 days. A popular strain of Yellow Globe. Hardy and a good cropper; used largely for storage. Bulbs medium large, round, yellow, firm, with small neck. Flesh white, with slight yellow tone. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.65, prepaid.

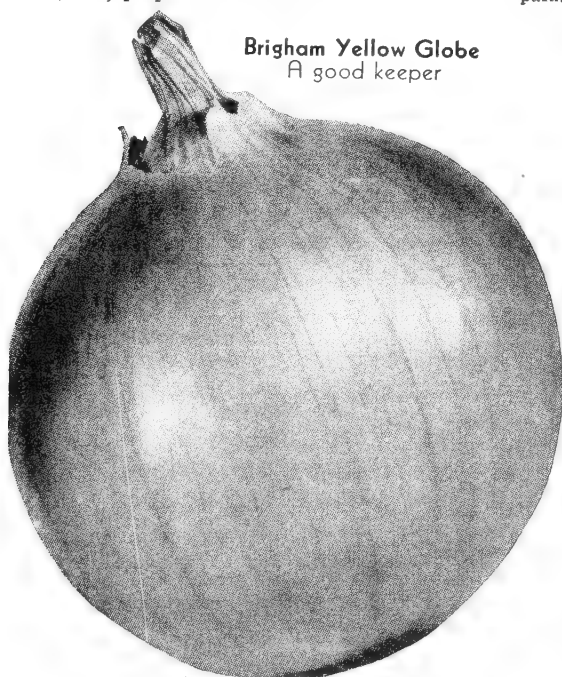
NOTE—There is a Serious Shortage of Onion Seed and we advise you to **ORDER EARLY!**

Large Mild Onions for Slicing

398. MINNESOTA SOUTHPORT WHITE GLOBE—110 days. A very attractive pure white onion. Bulbs round, solid, medium sized, with thin delicate skin. Flesh waxy white, fine grained and mild. Keeps well in fall storage. Pkt. 10c, oz. 60c, $\frac{1}{4}$ lb. \$2.25, prepaid.

405. WHITE BERMUDA OR CRYSTAL WAX—90 days. Both skin and flesh clear white; of mild delicate flavor. Bulbs very flat; medium sized. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.85, prepaid.

Brigham Yellow Globe
A good keeper



412. SWEET SPANISH OR VALENCIA—110 days. A mild, sweet, giant onion, of the true Spanish or Bermuda type. Bulbs globular with small neck, pure white, firm and delicious at all stages of growth. Pkt. 15c, oz. 65c, $\frac{1}{4}$ lb. \$2.25, prepaid.

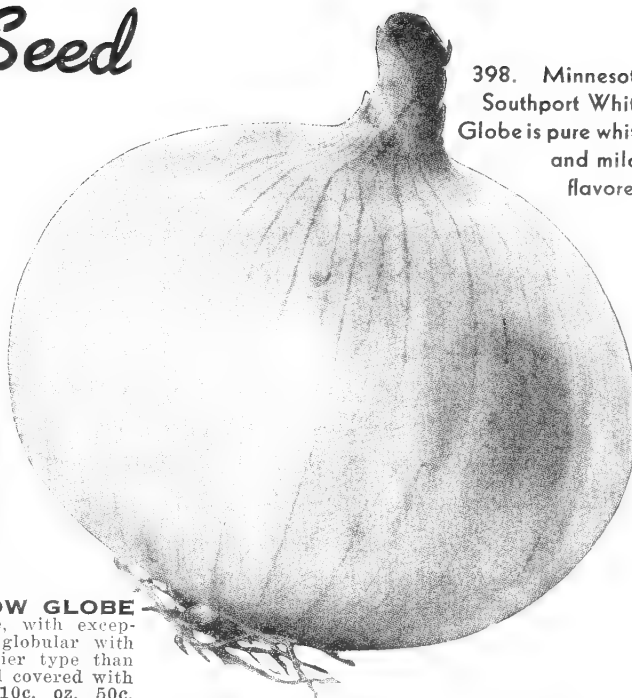
414. MIXED ONION SEED—Will furnish a supply of onions all summer and for winter storage, as it contains a mixture of all varieties. Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.50, prepaid.

Onions for Pickling and Bunching

410. EARLY WHITE WELSH—A hardy perennial, used exclusively for green bunching onions. This variety does not produce bulbs, but provides a good crop of the finest green onions for the market early in spring, in advance of those from sets. They may be left in the ground for years. Seed may be sown in August and September for extra early crop in spring. Pkt. 10c, oz. 45c, $\frac{1}{4}$ lb. \$1.65, prepaid.

411. WHITE PORTUGAL OR SILVER SKIN—(Medium Early.) The most widely used white onion. It might be called an all-purpose variety, as it is excellent for sets, as a pickler, for green bunching and for storage. Bulbs: medium size, thick-flat, clear white, hard, fine grained and of pleasing flavor. It is a dependable cropper. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.85, prepaid.

415. EARLY WHITE BUNCHING ONION—(Annual.) Here's an exceptionally early green bunching onion. An annual which forms small bulbs for green table onions—of real quality and mild flavor. Used by leading gardeners for the early market. Pkt. 10c, oz. 60c, $\frac{1}{4}$ lb. \$2.00, prepaid.



398. Minnesota Southport White Globe is pure white and mild-flavored

SEMESAN Helps You Grow BIGGER AND BETTER VEGETABLES

By simply placing your garden seeds (any quantity up to 1 lb. at a time) in a Mason jar together with $\frac{1}{4}$ to $\frac{1}{2}$ teaspoon of SEMESAN, and shaking for three minutes any time before planting, you can grow the biggest crop of fine quality vegetables or large colorful flowers that you ever saw! SEMESAN prevents "damping-off" and seed decay, controls all seed-borne plant diseases and assures you of getting a much better stand. Circular free. Price: $\frac{1}{3}$ -oz. pkt. 10c, 2-oz. can 40c, prepaid.—Not prepaid, 1 lb. \$2.50, 5 lbs. \$11.40.



"One-a-Meal"

400. GIANT CHINESE GREEN ONION—A remarkable green onion of splendid quality. (A perennial.) The striking and attractive white stems grow to the enormous size of 25 to 30 inches in length with $2\frac{1}{2}$ -inch diameter, weighing over 3 pounds, on a single stalk. The white part grows very long and straight without the knob. They have a very mild flavor and attain a good marketable size very quickly and need no bunching. Sell at top price for early market. They grow where any green onion can be grown. Pkt. 15c, $\frac{1}{2}$ oz. 60c, prepaid. See illustration above.



Luscious Peas from Your Own Garden

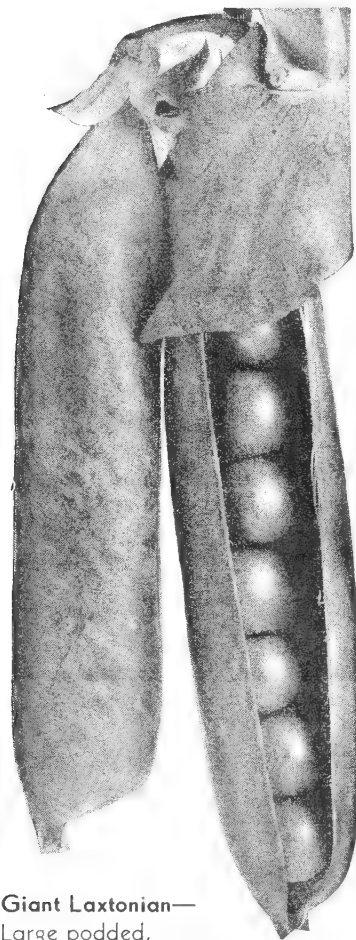
Extra Early Peas

447. EARLY ALASKA—(55 days.) (Smooth seeded.) The first early variety for market gardeners. Also very extensively used for canning. Crop matures evenly. Our strain is noted for its pod size and productivity. Vines: 30 inches long. Pods: light green, round, contain 6 to 8 peas of good quality. Seeds: small, round, smooth, bluish green. Mammoth pkt. 8c, 1/2 lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.20, prepaid.—Not prepaid, 10 lbs. at 18c per lb.

448. EXTRA EARLY EIGHT WEEKS—(56 days.) (Semi-wrinkled.) This is the earliest sort in common use. A splendid variety to produce the first home garden peas on the family dinner table. Vines: 13 inches high, very dwarf, slender. Pods: 3 inches long, dark green, contain 7 to 9 peas of exceptional quality when picked young. Seeds: small, grey green, dimpled. Mammoth pkt. 10c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.35, prepaid.—Not prepaid, 10 lbs. at 20c per lb.

HOME CANNING BOOK Free with Your Order

This new Home Canning Book contains the latest methods of canning, full instructions and more than 300 tested recipes. Free with a \$1.00 order for garden or flower seeds—or a \$2.00 order for farm seeds. Ask for it.



Giant Laxtonian—
Large podded,
contains 7-8 large succulent peas.



Laxton's Progress—Early, large-podded, heavy-yielding* and of excellent quality.

Dwarf Early Wrinkled Peas

460. THOMAS LAXTON—(58 days.) A popular early variety highly prized by shippers and canners. Quality and yield are excellent. Vines: 33 inches high, medium green and heavy. Pods: 3 3/4 inches long, plump, broad; contain 7 to 8 large tender peas of good quality. Seeds: cream and green, wrinkled. Mammoth pkt. 10c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.35, prepaid.—Not prepaid, 10 lbs. at 20c per lb.

461. LAXTON'S PROGRESS—(60 days.) The largest podded and most attractive of the Laxtonian family. A good sort for shipping to distant markets, also for home and market garden planting. Of fine quality and abundant yield. Vines: 17 inches high, medium dark green. Pods: 4 3/4 inches long, dark green, handsome; contain 7 to 9 large peas of good quality. Seeds: large, wrinkled, cream with green color. Mammoth pkt. 10c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.35, prepaid.—Not prepaid, 10 lbs. at 20c per lb.

470. GIANT LAXTONIAN—(60 days.) Here is the best known of the early, dwarf, large podded sorts. Used largely for home gardens and by truckers and shippers. Our featured strain has exceptionally large pods. Vines: 18 inches high, dark green; "top off" well at maturity. Pods: 4 1/2 inches long, broad, dark green, contain 7 to 8 large succulent peas. Seeds: yellow and green, wrinkled. Mammoth pkt. 10c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.35, prepaid.—Not prepaid, 10 lbs. at 20c per lb.

471. LITTLE MARVEL—(60 days.) Outstanding among the older varieties of dwarf peas, Little Marvel continues to be extensively used on account of its exceptional quality and yield. Valuable for home garden and early shipping. Vines: 18 inches high. Pods: 3 inches long, plump, well filled with 7 to 8 tender peas. Seeds: light green, squarish, wrinkled. Mammoth pkt. 10c, 1/2 lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.35, prepaid.—Not prepaid, 10 lbs. at 20c per lb.

472. AMERICAN WONDER—(58 days.) Our stock of this old popular pea is the true extra-dwarf, early strain. Well suited to home gardening and highly productive. Vines: 12 to 14 inches high, dark green. Pods: 2 3/4 inches long and filled with 6 peas. Seeds: wrinkled, square, green. Mammoth pkt. 10c, 1/2 lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. at 19c per lb.

474. PREMIUM GEM—(63 days.) A highly productive, medium early variety good for home gardening and for canning. Vines: 20 inches high, dark green. Pods: 2 3/4 inches long, light green, contain 6 to 7 peas. Seeds: wrinkled green. Mammoth pkt. 10c, 1/2 lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. at 19c per lb.



The Secret of Success in Growing Peas

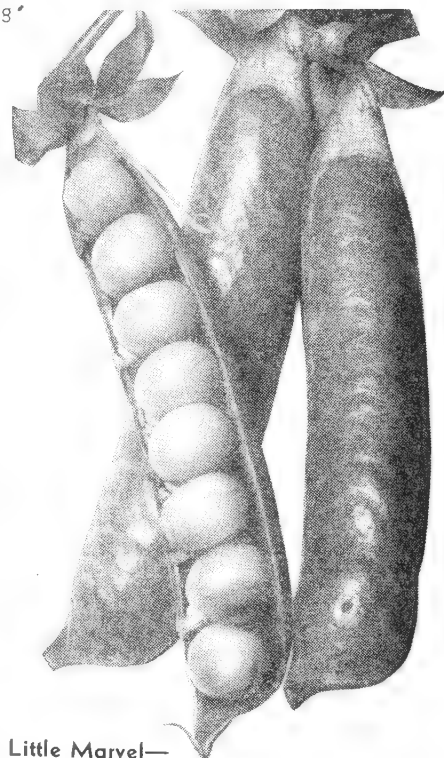
You, too, can grow big crops of luscious Peas throughout the summer if you will follow this advice—

Instead of planting at 2 or 3 week intervals, plant the early, midseason and late varieties *all at one time* in early spring, *just as soon as the ground can be worked*, and the different varieties will bear in steady succession.

Plant Them Early!

One pound will plant 100 feet of drill

CULTURE—Peas are a cool-weather crop and must be planted as soon as the ground can be worked in spring. A rich, light soil is required and plenty of water if a full crop is to be produced. It will pay to use a balanced commercial fertilizer in the row when the seeds are sown. (See page 76.) Sow in rows 2 feet apart and 2 inches apart in the row. Avoid crowding, as closer planting will produce no greater crop. Tall varieties must be supported with light stakes or brush.



Little Marvel—
Finest Dwarf early Pea—of delicious flavor and a heavy bearer.

The Improved Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN

TRADE MARK REG. U.S. PAT. OFF. MAR. 22, 1911

Restores and Maintains Soil Fertility

BUILD UP YOUR SOIL

Inoculate All Garden Peas
Beans and Sweet Peas
with NITRAGIN for

Bigger Yields & Better Crops

GARDEN SIZE Garden Peas and Beans Sweet Peas and Lupines A 10c packet will treat 6 lbs. of seed.	Pkt. 10c
--	--------------------

Complete Directions on every pkt.

To Eat Fresh and to Can—

Mid-Season Peas Tall Late Peas

475. TENDER GIANT—(73 days.) A medium late, large podded variety maturing after the early dwarf varieties and before the other large podded main crop sorts. Its sweetness and quality cannot be improved upon. A nation-wide favorite as a canning pea. Vines: 27 inches high. Pods: 4 inches long, contain 6 to 8 large tender peas. Seeds: large, green, wrinkled. Mammoth pkt. 10c, ½ lb. 18c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.35, prepaid.—Not prepaid, 10 lbs. at 20c per lb.

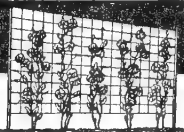
480. POTLATCH OR BIG DINNER—(78 days.) One of the very finest late varieties for home garden and for shipping to distant markets. Potlatch is famous for its heavy yield of immense pods bearing many large luscious peas of delicious flavor. Vines: 26 inches high, deep green. Pods: 4½ inches long, ¾ inch wide; contain 8 to 10 tender, succulent peas. Seeds: large, wrinkled, green. Mammoth pkt. 10c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. at 19c per lb.

484. EVERBEARING—(74 days.) An extra long bearing period makes this a popular variety. Everbearing is resistant to Fusarium wilt, and is noted for its quality. Vines: 32 inches high. Pods: 4 inches long, plump; contain 4 to 5 large peas of sweet marrowy flavor. Seeds: very large, light green, flat, wrinkled. Mammoth pkt. 10c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.35, prepaid.—Not prepaid, 10 lbs. at 20c per lb.

499. NEW DROUGHT RESISTER PEA—(72 days.) Will produce a crop equally well in wet or extremely dry seasons. The wilt-resistant vines grow 2 ft. high—and require no support. Pods are round and well filled with 7 to 10 sweet, tender Peas. Just the variety for late planting and prolonging the pea season. Mammoth pkt. 10c, ½ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.35, prepaid.—Not prepaid, 10 lbs. at 20c per lb.

TRAIN-ETTS

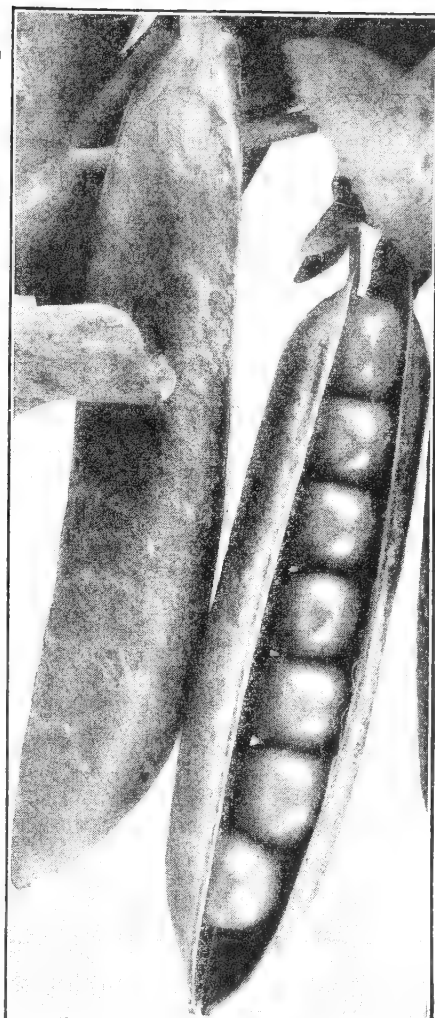
New Weatherized
TRELLIS NETTING



Ideal Support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) *Doesn't rot like string—lasts several seasons.* In 3 sizes: No. 1, 60x72 in., 39c; No. 2, 60x96 in., 49c; No. 3, 60x180 in., 69c. Postpaid.

For High Quality and Heavy Yield Inoculate Peas with Nitragin See Page 18



Potlatch—bears immense luscious peas.

Edible Pod or Sugar Pea

(Cook like String Beans)

492. DWARF SUGAR—(68 days.) (Eat pod and all!) A prolific home garden variety with an edible pod and also resistant to Fusarium wilt. Delicious if cooked when young the same as string beans—without shelling. Very sweet and tender. Vines 28 inches high, slender and wiry, with purple blossoms. Pods: 3 inches long, heavily curved, strongly indented between the peas. Seed: small, mottled, grey, round, smooth. Mammoth pkt. 10c, ½ lb. 18c, lb. 30c, 2 lbs. 55c, 5 lbs. \$1.25, prepaid.—Not prepaid, 10 lbs. at 19c per lb.

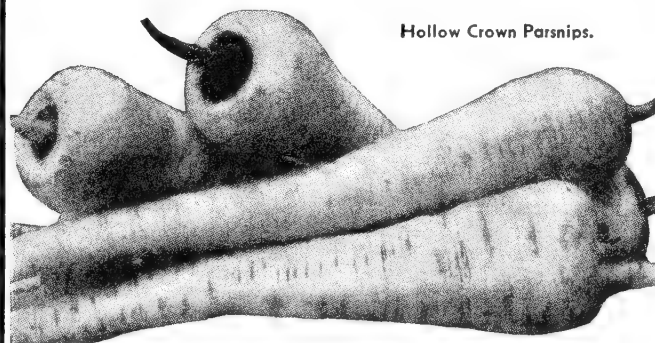
Parsnips

One ounce for 200 feet of drill. Five to six pounds for an acre.

A valuable root vegetable of rich sweet flavor and high food value. Frost improves the flavor, and parsnips can be left in the ground all winter, to be harvested in spring when fresh vegetables are scarcest. Seed germinates slowly. Sow early in drills.

426. HOLLOW CROWN OR GUERNSEY—A great cropper; tender, sugary and considered the best for general cultivation. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.60, prepaid.

427. IDEAL—Roots not as long as Hollow Crown, but are thicker and more easily gathered. They are very smooth and have fine grained flesh of excellent quality. Pkt. 5c, oz. 15c, ¼ lb. 50c, lb. \$1.60, prepaid.



Hollow Crown Parsnips.

Parsley

One ounce will sow 150 feet of drill.

CULTURE—Parsley is indispensable for flavoring and for garnishing. The seed germinates slowly, in 2 or 3 weeks and therefore should be soaked in warm water for a few hours before planting. Sow early in spring, ½ inch deep. In the fall, a few plants may be set into pots, and taken indoors.

430. MOSS CURLED—A compact growing, finely cut and densely curled variety of a deep green color. Owing to its fine color and handsome foliage, it is most popular. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50, prepaid.

431. HAMBURG or THICK ROOT-ED—The root is the edible portion of this variety and resembles a small parsnip, both in color and shape. Flesh white, a little dry, having a flavor similar to celeriac. Very hardy. Is cultivated like parsnip. Foliage same as Plain Parsley. Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50, prepaid.

Pepper Grass or Cress

295. FINE CURLED—Crisp, pungent leaves, finely cut and curled, dwarf and compact. Used mostly for garnishing and as a condiment. Pkt. 10c, oz. 25c, ¼ lb. 85c, prepaid.

WAR GARDEN COLLECTION of PEAS

Fresh Peas All Summer!

IMPORTANT—All varieties in this collection must be planted at one time, as early in the spring as the ground can be worked, and they will mature in succession.

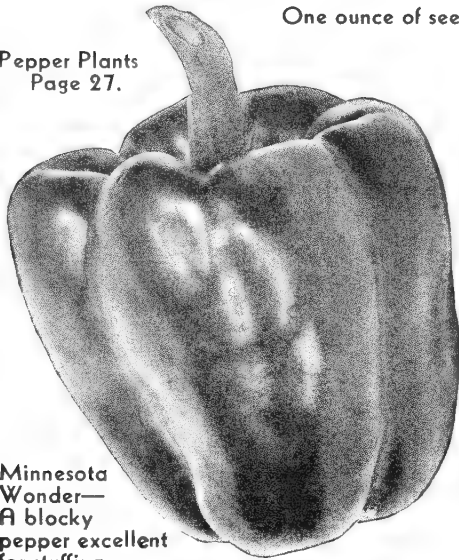
Extra Early Eight Weeks (56 Days)
Little Marvel (60 Days)
Potlatch or Big Dinner (78 Days)

1 pkt. of each (3 pkts.).....25c
½ lb. of each (1½ lbs.).....48c
1 lb. of each (3 lbs.).....90c

Peppers—Sweet and Hot

One ounce of seed for 1,000 plants. $\frac{1}{4}$ lb. to transplant one acre.

Pepper Plants
Page 27.



Minnesota
Wonder—
A blocky
pepper excellent
for stuffing.

432. KING OF THE NORTH—(64 days.) An early large pepper especially valuable in northern states. Fruits are enormous in size and color up a brilliant red much earlier than any other large sort. They average 6 inches long, 4 inches across. The flesh is thick, firm, very sweet and mild. Plants are literally covered with large peppers. Often one plant will have 8 to 10 mature fruits. Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, prepaid.

433. HUNGARIAN HOT PEPPER—(65 days.) Also called Banana and Bulgarian Yellow. An extremely hot, long, slender pepper of a bright waxy yellow color. Turns crimson when mature. The fruits are pointed and from $5\frac{1}{2}$ to 7 inches long. The plants produce abundantly. A special favorite with many people because of its pungency. A profitable market sort. Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 45c, $\frac{1}{4}$ lb. \$1.35, prepaid.

CULTURE—Sow seed in flats, or in the hot-bed in March, and transplant seedlings, when 3 or 4 inches high to other flats or to paper pots. About the last of May, transplant to the garden, in rich, well-prepared soil, setting the plants in rows 3 feet apart, 20 inches apart in rows.

NOTE—The time from setting out plants to marketable condition is indicated here.

434. HARRIS EARLY GIANT—(63 days.) An excellent first early sweet variety, for home and market garden use. Fruits resemble Bull Nose in form. Plants: dwarf, upright, very productive. Fruits: $4\frac{1}{2}$ inches long, $3\frac{1}{2}$ inches thick; gently tapered, 3-lobed, of sweet mild flavor; deep green changing to bright red. Pkt. 10c, $\frac{1}{2}$ oz. 20c, oz. 35c, $\frac{1}{4}$ lb. \$1.25, prepaid.

435. MINNESOTA WONDER—(68 days.) A real quality pepper, mild and sweet. It produces smooth uniform fruits 4 inches in diameter and 5 inches long, mostly 4-lobed. The color is deep green, changing to bright crimson at maturity. The flesh is solid and thick. Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, prepaid.

437. LARGE BELL or BULL NOSE—(58 days.) A popular early sweet variety. The first on the early market. Plants: small, erect, prolific. Fruits: 3 inches long, $2\frac{3}{4}$ inches thick; blunt, deep green—changing to scarlet red; sweet, mild in flavor. Pkt. 8c, $\frac{1}{2}$ oz. 20c, oz. 30c, $\frac{1}{4}$ lb. \$1.10, prepaid.

442. RUBY KING—(68 days.) Excellent for home and market gardening, also for shipping. Plants: medium dwarf, erect, vigorous, and very productive. Fruits: 5 inches long, 3 inches thick; tapering, dark green changing to ruby red at maturity. Flesh: thick, mild and sweet. Pkt. 8c, $\frac{1}{2}$ oz. 20c, oz. 30c, $\frac{1}{4}$ lb. \$1.10, prepaid.

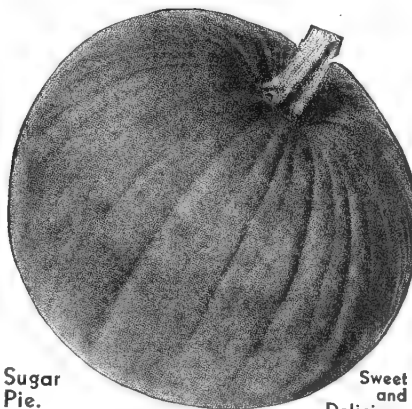
Pumpkins

1 oz. for 25 hills, 4 lbs. per acre.
Plant like squash, 3 or 4 seeds
per hill and thin to 1 plant per hill.

565. SUGAR PIE—(75 days.) Most desirable for pies. Very fine grained, sweet and a splendid winter keeper. Fruits: 10 inches thick, weight 6 to 8 lbs.; skin hard, smooth, somewhat ribbed, deep orange. Flesh: thick, sweet, orange-yellow, and of high quality. Pkt. 8c, oz. 12c, $\frac{1}{4}$ lb. 25c, lb. 80c, 5 lbs. \$3.25, prepaid.

572. CONNECTICUT FIELD—(Matures in 110 days.) Extensively grown for making pies, for canning and for stock feed; usually planted in cornfields. Also known as Large Cheese. Fruits: 12 to 15 inches thick, weight 15 to 25 lbs., large, flattened at the ends. Surface hard, smooth, somewhat ribbed, deep orange in color; flesh thick, orange-yellow, coarse and sweet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c, 5 lbs. \$2.50, prepaid.

573. KENTUCKY FIELD—(Matures in 110 days.) Widely used for canning and for stock feeding. Hardy and productive. Fruits: 12 to 14 inches thick, weight 10 to 15 lbs., large, slightly ribbed, not fixed in shape, some being flat, others globular and elongated; color, dull orange. Flesh: deep yellow, coarse and of good flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c, 5 lbs. \$2.50, prepaid.



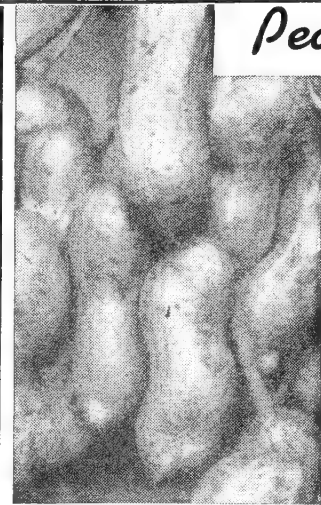
Sugar
Pie.

Sweet
and
Delicious.

574. MAMMOTH KING or JUMBO—(Matures in 120 days.) The largest of all pumpkins. Valuable for stock feeding and exhibition purposes. Fruits: 20 to 24 inches in diameter, weight 60 to 90 lbs., very large, globular, slightly ribbed, flattened; skin light yellow, mottled with yellow and frequently slightly netted. Flesh: solid, coarse, but of fair quality. Pkt. 8c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. 90c, prepaid.

576. PRIZE COLLECTION MIXTURE—A mixture of the best varieties described above, all shapes and sizes, large and small. Just the thing for growing varieties to exhibit at county or state fairs. There is bound to be a prize winner. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c, 5 lbs. \$2.40, prepaid.

Peanuts



As
Easy
to
Grow
as
Potatoes

Ask for
Free
Leaflet

Large Virginia Peanuts.

514. EARLY SPANISH—The earliest variety, and best for the North. Plants are upright and compact, with small pods and nuts of fine flavor. Large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 45c, prepaid.—Not prepaid, 5 lbs. \$1.50.

515. LARGE VIRGINIA—The main crop peanut, and the most extensively grown. Plants are erect, and of vigorous, rapid growth, with very large pods and nuts. Fine for dry, sandy soil. Large pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 45c, prepaid.—Not prepaid, 5 lbs. for \$1.50.

Rhubarb Seed

One ounce will plant 500 feet.

CULTURE—Sow in April in drills one foot apart, covering $\frac{3}{4}$ inch. Thin out to 12 inches apart in row, when a few inches high. The following spring transplant to deep rich soil, 3 feet apart.

581. VICTORIA—A vigorous grower, with thick red stalks of excellent quality. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 65c, prepaid.

FOR RHUBARB ROOTS SEE PAGE 26

Tobacco Seed

One ounce of seed will produce plants for one acre.

519. CONNECTICUT SEED LEAF—Grown principally for the manufacture of cigars. Hardy, prolific, and well suited to production in the north and central states. Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 50c, prepaid.

The Pocket BOOK of VEGETABLE GARDENING

By Charles H. Nissley

How, When and Where to Plant . . .

The latest advice on growing food for home use . . . easy to understand . . . complete and authoritative. Includes specially prepared charts showing VITAMIN CONTENTS AND NUTRITIONAL VALUES as well as specific instructions for raising each vegetable. There are charts for 50 vegetables.

241 Pages
52 Illustrations

30c
ppd.

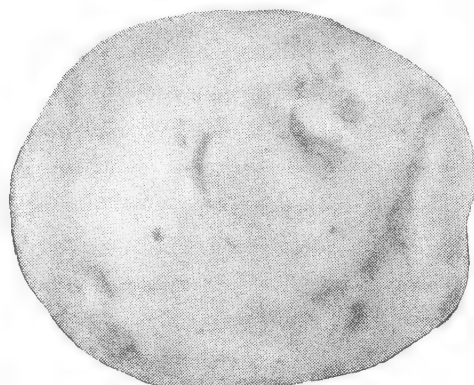
F. S. & N. Co.:

We have had the best luck ever, with your Potlatch Peas. We had fresh peas all summer and have canned enough to last through the winter. They are tender, sweet and easy to shell.

Carl Kruger, R. 1, Box 110,
Zimmerman, Minnesota.

Minnesota Grown Seed Potatoes

THE "POTATO OF THE YEAR"



NEW "SEBAGO" BLIGHT RESISTANT

Late blight again took a heavy toll in the Potato growing sections of the Northwest the past season. It appeared in epidemic proportions during the seasons of 1941 and 1942. It was **Sebago** that

withstood the epidemic best of any variety, according to the records of the North Central Station at Grand Rapids, and our own growers' reports.

Sebago is a cross of Chippewa and Katahdin—a vigorous grower, producing high yields of sound white potatoes of excellent cooking quality. It is a medium late variety, becoming immensely popular as a home or market potato.

Yields averaging 390 bushels per acre have been reported in recent tests. The seed supply, however, is still limited, and we advise ordering early.

Price: 10 lbs. \$1.00, ppd. to 3rd zone. See Blue Figure List for quantity price.

IMPORTANT NOTICE!

Serious damage due to late blight and bacteria ring rot has greatly deteriorated this year's potato crop. A big demand for carefully selected stocks is developing—order early to avoid disappointment.

Extra
Early

WARBA

From Minn.
Exp. Station

Resembles Bliss Triumph, though larger in size—a bigger yielder, has white crisp flesh and is exceptionally quick maturing. Seven to ten days earlier than Bliss Triumph or Early Ohio. The vines are upright, sturdy and resistant to mild mosaic. Tubers are short, round, blocky with pink eyes and of uniform size.

Price: 10 lbs. 85c, prepaid to 3rd zone. See Blue Figure Price List for larger lots.

EARLY OHIO

This old favorite is a heavy yielder, of even size, oval tubers, very smooth, with shallow eyes. Early Ohios always bring a high market price, and though very early, they keep well. The flesh is white, firm, fine grained, and of excellent flavor. Price: 10 lbs. for 75c, prepaid to 3rd zone.

EARLY IRISH COBBLER

Another extra fine early potato, and one that is not easily affected by blight and insects. The tubers are nearly round, and slightly flattened, rather blocky shape. The skin is white, well netted, with eyes of medium depth. Price: 10 lbs. for 75c, prepaid to 3rd zone.

KATAHDIN

A dependable favorite for winter storage—originated by the U. S. Dept. of Agri., from Rural New Yorker and Aroostook Wonder parentage. Tubers are short, elliptical to roundish with shallow eyes. A vigorous grower—does especially well in peat soil, and is a good consistent yielder. As a late variety it is replacing Rural New Yorker and Green Mountain.

Price: 10 lbs. 85c, prepaid to 3rd zone. See Blue Figure List for quantity prices.

TREAT ALL SEED POTATOES

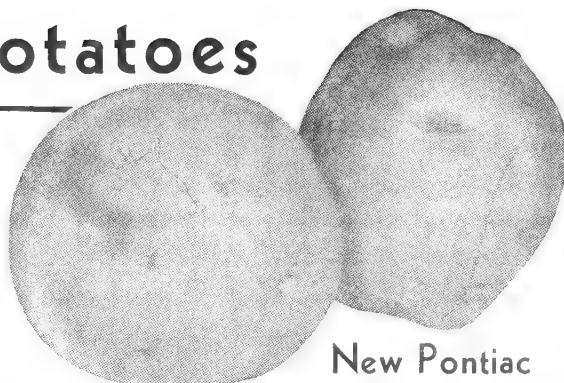
For Scab—Rhizoctonia—Black Leg

Just dipping seed potatoes in SEMESAN BEL solution, eliminates such diseases as scab, rhizoctonia and black leg. Improves germination and produces bigger crops. One pound treats 70 to 80 bushels of seed. Prices: 2 oz. 30c, prepaid.—Not prepaid, 1 lb. \$1.65, 5 lbs. \$7.15, 25 lbs. \$33.25.

527

Bu. per
Acre!

Average
Yield
in
3 Years
of
Testing!



New Pontiac

Potato breeders at Michigan Experiment Farm produced this "wonder potato" from seedlings of Bliss Triumph and Katahdin. New "Pontiac" has established a record for high yields, good quality and vigorous growth.

It's a midseason, red potato—round to oblong shape, with medium deep eyes and crisp white flesh. It is freer from hollow heart, misshapen tubers, and more drought resistant than other varieties. A vigorous, upright grower producing heavy yields on muck as well as upland soils. Trial order: 10 lbs. for \$1.00, ppd. to 3rd zone. See Blue Figure List for bushel price.

SEE—
BLUE FIGURE
PRICE LIST for
CURRENT
PRICES

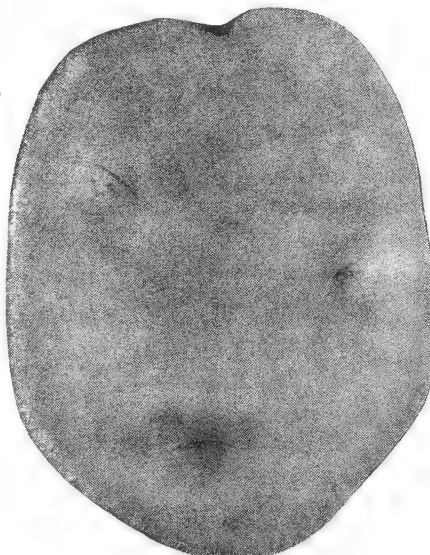
U.S.D.A. CHIPPEWA

Earlier than Katahdin or Green Mountain and is especially well adapted for the Northwest. Yields higher than most late varieties.

Chippewa was compared in 1938 with Cobbler in 12 counties and exceeded Cobbler in yield of No. 1 potatoes in all but 2 tests. The average difference in yield was 39 bushels. Chippewa matures a few days later than Cobbler but yields a consistently higher percentage of No. 1 tubers.

Since it matures ahead of other late varieties, it will be a most popular storage potato. Tubers are smooth, regular in outline, with very shallow eyes, excellent cookers and show high resistance to mild mosaic.

Price: 10 lbs. 85c, prepaid to 3rd zone. See Blue Figure Price List for larger quantities.



The Chippewa Potato.

SEED POTATO EYES

We have many calls for Seed Potato Eyes from customers who wish to try our new varieties, though hesitate to pay transportation on tubers to distant points.

We offer Potato Eyes while stocks are available. All will be freshly cut at time of shipment, and guaranteed to reach you in good condition. Name your preference—though we reserve right to substitute varieties.

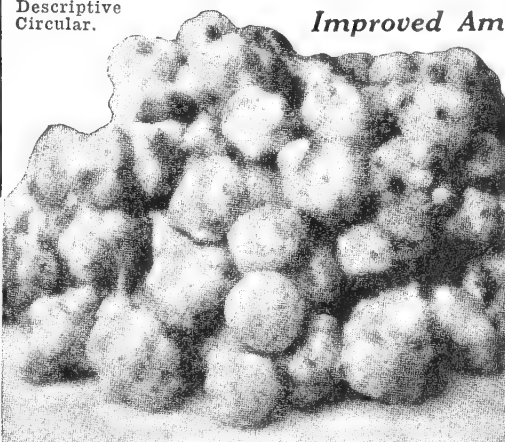
Not less than 50 eyes of a variety can be offered, and this amount should produce about a bushel of potatoes. Southern orders can be safely sent during the winter months.

Price: 50 eyes of any one variety 50c, 100 for \$1.00, 250 for \$2.25, 500 for \$4.25, 1,000 for \$8.00. Prepaid.

Free
Descriptive
Circular.

GIRASOL—"The Lazy Man's Spud"

Improved American Artichoke



Above tubers were dug from a single hill of "Girasol."

Tubers not available until April 10th as seed stock cannot be dug until after the frost is out of the ground in spring.

Bushel (50 lbs.)—6 bushels will plant an acre.

A Valuable Food for Diabetics and Those Not Permitted To Eat Starchy Foods

The tubers can be eaten cooked, or served raw in salads. They contain carbohydrates in the form of inulin, instead of starch, and need not be cooked to bring out their food value. Recipe folder mailed free upon request.

Easy To Grow

Plant 3 feet apart in rows 3 feet apart. Cut tubers like potatoes.

Girasol will thrive in any soil and responds to liberal feeding, yielding bountifully. The foliage becomes so dense, that after two cultivations, weeds cannot survive. Girasol tubers are relished by livestock and poultry.

The average yield is 10 to 15 tons of tubers per acre, with an equal amount of silage from the tops. Tubers can be left in the ground until the following spring, as they are not injured by freezing.

PRICE: 5 lbs. \$1.00, prepaid to third zone only.—Not prepaid, 10 lbs. 80c, 20 lbs. \$1.50, 50 lbs. \$3.25.

Radishes—Crisp and Tender

One ounce will sow 100 feet of drill, 9 to 10 pounds per acre.

Culture—Quick growth is the secret of success. A light, rich soil is required. Sow the seed as early in the spring as the ground can be worked, and every two weeks thereafter throughout the season for succession. Sow round and globe varieties for first crop as they grow faster than the long types and soon turn pithy, so must be harvested promptly. Long types grow more slowly and endure the heat better.

Early Red Robin Radish

524. EARLY RED ROBIN—

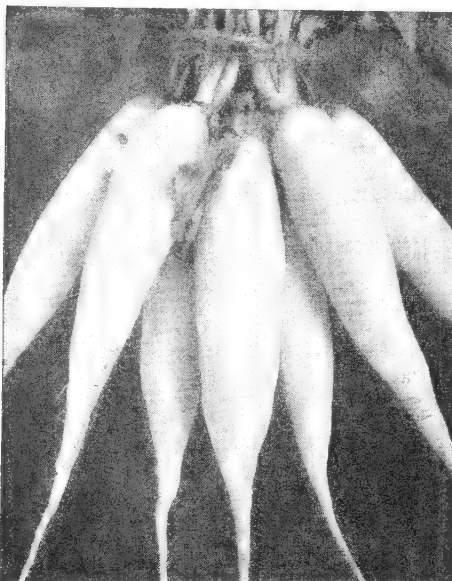
Profitable Early Market Variety. Ready to pull in 16 to 20 days. Color: rich scarlet; flesh, snow-white, crisp, juicy and mild; shape, slightly elongated globe. It costs twice as much to produce Early Bird Radish Seed, because it is grown from transplanted roots, insuring absolute uniformity and trueness of type. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.25, prepaid.



525. EARLY SCARLET TURNIP—(26 days.) Scarlet-red, flesh crisp and tender. Roots quickly grow to an inch in diameter, turnip-shaped. Excellent for early planting. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.10, prepaid.

526. EARLY SCARLET TURNIP WHITE TIP—(26 days.) A table dainty, crisp, tender and sweet. It is turnip-shaped, bright scarlet with a white tip, appealing to the eye and palate. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.10, prepaid.

529. SPARKLER—(26 days.) Similar to Scarlet Turnip White Tip, but with a larger white area. Roots round and smooth, quality excellent. Very popular with market gardeners. Pkt. 8c, oz. 15c, ¼ lb. 35c, lb. \$1.20, prepaid.



Icicle remains crisp and mild long after maturity.

530. EARLY SAXA—(22 days.) One of the earliest radishes, and slow to run to seed. Tops small, roots round and bright scarlet. A good forcing sort and for first outdoor planting. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.20, prepaid.

531. FIRECRACKER—(22 days.) Distinct in type, this radish is long and slender, vivid scarlet in color and although very early, it remains crisp and tender much longer than other early sorts. Seed of this variety was formerly imported, but we have succeeded in growing our own seed. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. \$1.50, prepaid.
For Color Illustration of Firecracker Radish see Inside Back Cover.

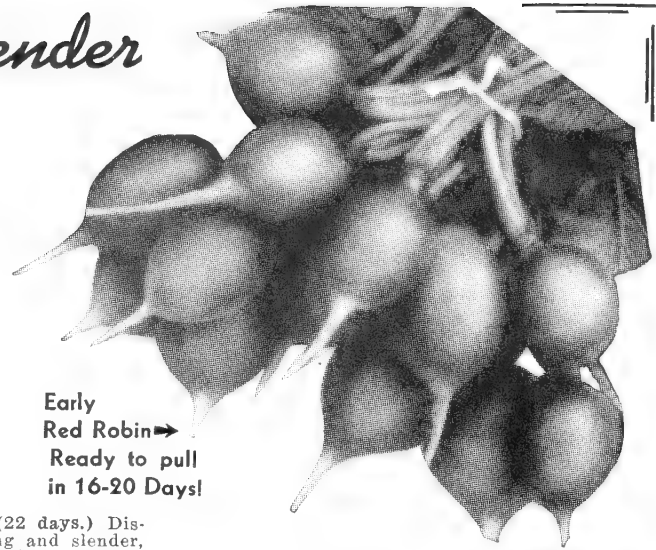
534. COMET—(24 days.) Bright scarlet in color; globe to olive shaped, this radish matures early, but remains in edible condition a long time before becoming pithy. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. \$1.20, prepaid.

535. IMPROVED EARLY SCARLET GLOBE—(24 days.) Very early crisp, mild and tender. Bright scarlet in color, of uniform globe shape. One of the best for forcing and outdoor planting. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.10, prepaid.

538. FRENCH BREAKFAST —(25 days.) A splendid variety for home use, oblong, blunt, about 2 inches long, it is rich scarlet in color, with a white tip. Flesh is solid, crisp and sweet. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.10, prepaid.

540. CRIMSON GIANT—(28 days.) Largest of all the early round radishes, of fine mild quality, it remains in perfect condition until an inch in diameter. Pkt. 8c, oz. 15c, ¼ lb. 35c, lb. \$1.20, prepaid.

546. WHITE ICICLE—(25 days.) The leader among the long white radishes. Pure white, very crisp and brittle, it remains mild long after maturity. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.10, prepaid.



Early Red Robin→ Ready to pull in 16-20 Days!

Winter Radishes

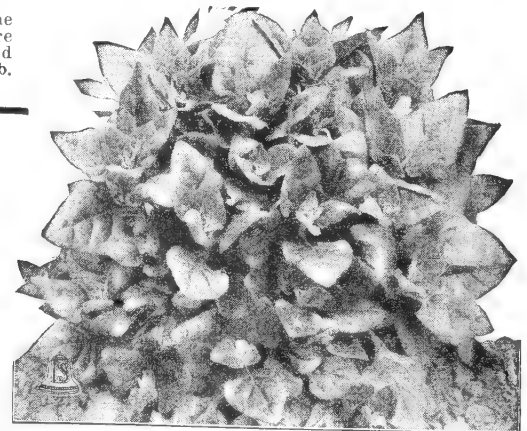
Sow in early July and allow to develop during the fall months. Dig before frost and store in a cool place.

555. CALIFORNIA WHITE MAMMOTH—(60 days.) Roots: 8 inches long, 2 inches thick; cylindrical and thickest at lower end. Flesh: white, crisp and not pungent. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.10, prepaid.

558. ROSE CHINA—(52 days.) Roots: 6 inches long, 2 inches thick, cylindrical, but thicker at lower end; blunt, smooth, bright rose-red in color. Flesh: white, very firm and pungent. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.10, prepaid.

559. LONG BLACK SPANISH—(58 days.) Roots: 9 inches long, 2½ inches thick; cylindrical, slightly tapered at tip; skin black and wrinkled. Flesh: white, solid, pungent. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.10, prepaid.

542. MIXED RADISHES—This mixture contains Early, Midseason and Late varieties. It will provide an interesting assortment for the table throughout the season. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 95c, prepaid.



The small fleshy leaves of NEW ZEALAND SPINACH are tender and delicious when cooked.

Spinach for Healthful Greens

One ounce plants 100 foot row.

CULTURE—Succeeds best on rich, well drained soil. Sow early in spring, one inch deep, in rows 12 to 15 inches apart. For succession sow every two weeks until June.

584. KING OF DENMARK SPINACH—(45 days.) Highly desirable for canning and for market gardens. Large, spreading plants carry broad, rounded, very dark green leaves which are somewhat crumpled. Excellent for spring planting as it is slow to go to seed. Very hardy and of good quality. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, prepaid.

585. TENDERGREEN MUSTARD SPINACH—An Oriental type of mustard and not a true spinach. Grown for greens. It is a very desirable, quick growing, tender variety with long, broad, smooth leaves and white mid-ribs. The leaves are usually ready for cutting in 3 to 4 weeks. Dry weather will not injure the crop. The flavor of this new vegetable resembles spinach with a very mild mustard taste. The best summer green. Pkt. 8c, oz. 15c, ¼ lb. 40c, lb. \$1.25, prepaid.

For Spinach Beet see Swiss Chard, page 6.

589. NEW ZEALAND—(70 days.) Native of New Zealand—quite distinct from other varieties of Spinach, it thrives in hot dry weather. The large spreading plants have small, thick, pointed deep green leaves, which can be picked throughout the season until heavy frost. Soak seed in warm water for several hours before planting. Pkt. 10c, oz. 25c, ¼ lb. 80c, lb. \$2.75, prepaid.

586. BLOOMSDALE SAVOY LEAVED—(39 days.) A very early, vigorous variety, desirable for home gardens, for shipping to distant markets and for canning. Plants erect in growth, hardy and attractive. Leaves large, crumpled, somewhat blistered; dark glossy green. Seeds fairly early. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00, prepaid.

CHICAGO WARTED HUBBARD
has fine-grained orange flesh.

Squashes Bred To Highest Quality With a Flavor Rich and Sweet

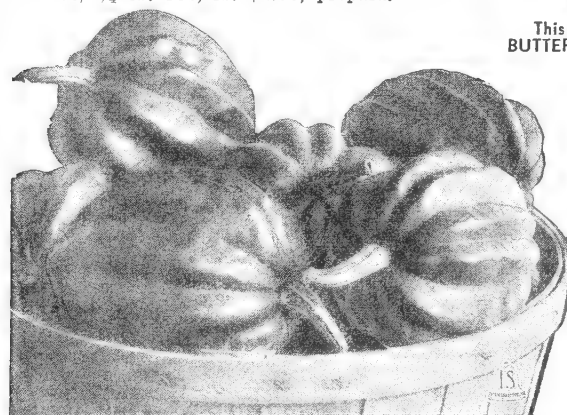
SQUASH COLLEC- TION—

1 pkt. each:
Cocozelle,
Table Queen
Blue Hubbard
20c ppd.

597. BLUE HUBBARD—(110 days.) Superior in edible quality, larger in size and a better yielder and keeper than other Hubbard strains. Fruits large, round, pointed at both ends; slightly ribbed, with very hard, blue-gray rind; weight 12-14 lbs. Flesh orange-yellow, thick, of fine flavor. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.25, prepaid.

598. CHICAGO WARTED HUBBARD—(110 days.) Very prolific and a good keeper. The dark green fruits are heavily warted, pointed at one end and weigh about 14 pounds. The flesh is bright orange, fine grained, dry and sweet. Pkt. 10c, oz. 20c, ¼ lb. 55c, lb. \$2.00, prepaid.

599. IMPROVED GREEN HUBBARD—(105 days.) A standard winter sort for home or market. Fruit: 12 inches long, 9 inches diameter; weight 12 pounds, pointed at both ends, slightly warted, dark bronze green in color; rind hard and tough. Flesh: very thick, orange-yellow, dry and sweet. Pkt. 10c, oz. 20c, ¼ lb. 55c, lb. \$2.00, prepaid.



Split TABLE QUEEN SQUASH in halves, scoop out the seeds, brush with butter, bake and serve.

600. GOLDEN HUBBARD—(100 days.) Similar to Green Hubbard, but earlier, smaller and more prolific. Fruit: 11 inches long, 9 inches diameter; weight 10 lbs., somewhat pointed at each end, moderately warted, orange-red, with faint cream colored stripes toward blossom end. Flesh: deep orange, dry and of fine quality; it keeps well. Pkt. 10c, oz. 20c, ¼ lb. 55c, lb. \$2.00, prepaid.

One ounce will plant 50 hills
—3 to 4 pounds per acre.

CULTURE—Sow in warm, rich soil in hills, allowing 6 seeds to each hill. When plants have 3 or 4 leaves thin them out leaving only the 3 strongest plants. For protection against the squash borer, cover the vine with soil at several joints and it will take root where covered and limit the damage done by the borer.

Greengold—
the "12-to-the-
-bushel"
Squash.

Deep orange
flesh, dry,
mealy and
sweet.

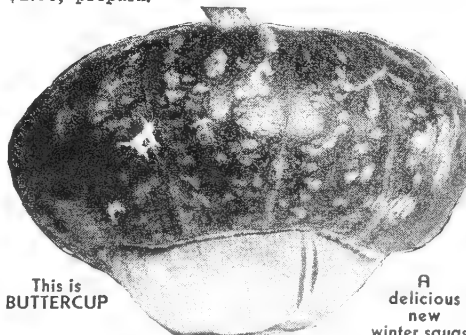


**Greengold Developed at
University Farm is Outstanding
in Quality.**

602. NEW GREENGOLD—(100 days.) A selection from the Buttercup, superior to the Hubbard in edible quality, and of small size, 4 to 5 pounds. Color: orange-yellow background with green stripes. Very thin hard shell, deep orange flesh, dry, mealy, stringless and sweet with an exceptionally fine flavor. Small seed cavity. Greengold is a vigorous grower, with small stems and produces five to six fruits per plant. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.15, prepaid.

607. KITCHENETTE—(100 days.) The smallest Hubbard squash, weighing only 5 to 7 pounds when mature. Fruits are glossy dark green, fully equal in quality to any Hubbard. A splendid keeper. Just the right size for the average family. Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.25, prepaid.

601. NEW BUTTERCUP—(100 days.) This squash is acorn-shaped and has all the seeds in the blossom end, where they can be removed with a twist of the knife. The rest of the fruit is solid orange flesh, fine-textured and dry. Weight about 3½ lbs.; rind thin and tough. A splendid winter squash, unexcelled in quality. Pkt. 10c, oz. 20c, ¼ lb. 55c, lb. \$2.00, prepaid.



This is
BUTTERCUP

A
delicious
new
winter squash

604. GOLDEN TABLE QUEEN—(60 days.) Somewhat larger than the regular Table Queen, and of a beautiful deep golden color. Fruits are deeply ribbed, pointed at blossom end. The orange flesh is thick, dry and of fine texture. Edible from early fall throughout the winter. Pkt. 8c, oz. 15c, ¼ lb. 50c, lb. \$1.75, prepaid.

605. TABLE QUEEN—(58 days.) Early maturing and fine for home or market garden use and for shipping. Fruit: 6 inches long, 4½ inches diameter; weight 1½ lbs., acorn shaped, ribbed, smooth, thin shelled, dark green. Flesh: light yellow, bakes well, with inviting flavor. Pkt. 8c, oz. 15c, ¼ lb. 50c, lb. \$1.75, prepaid.

Summer Squashes

The tender half-grown fruits of Summer Squashes are delicious. If kept picked before the shell begins to harden, the plants continue to bear until frost.

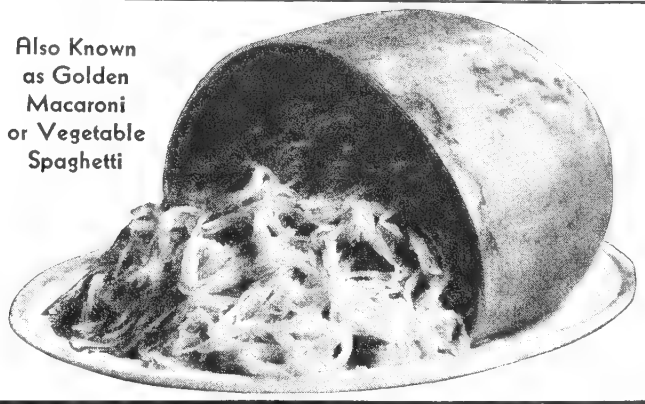
595. GIANT STRAIGHTNECK—(60 days.) The convenient straight shape of this squash makes it superior to its parent Crookneck. Plants bushy and prolific. Fruits golden yellow, heavily warted, 18 inches long; flesh thick and yellow of delicious flavor and fine quality. Pkt. 8c, oz. 15c, ¼ lb. 50c, lb. \$1.75, prepaid.

596. COCOZELLE BUSH—(65 days.) The fruits are most delicious when only 4 to 6 inches long. At this stage they may be sliced with the skins on, boiled from 20 to 30 minutes and served with butter, salt and pepper. If kept picked they will continue to bear until frost. Mature fruits are 20 inches long, smooth, dark green, marbled with yellow and light green. The flesh is pale green, thick, firm and tender. Pkt. 8c, oz. 15c, ¼ lb. 50c, lb. \$1.75, prepaid.

Noodle Squash

Also Known
as Golden
Macaroni
or Vegetable
Spaghetti

314. Smooth, creamy-white fruits, 8 inches long and 5 inches thick. Pick when well matured. Store like squash for winter. Before cooking, puncture one end, place in kettle of hot water and cook 30 minutes. Cut in half, remove center seed core, and flesh will fall out in shreds, suggestive of spaghetti. Serve hot with salt and butter, or with a cream sauce. Pkt. 10c, oz. 25c, ¼ lb. 90c, prepaid.



USE PYROCIDE DUST—Kill

Squash Bugs & Cucumber Beetles

A new type, non-poisonous dust that protects
Squash, Melon and Cucumber Vines.
(Complete description on page 12.)

Not Prepaid: 5 lbs. \$1.25,
25 lbs. \$4.25, 100 lbs. \$16.00.

1 lb.
45c
ppd.

The flesh of Cocozelle (Summer Squash) is pale green, thick, firm, tender and of excellent quality. Fruits should be used when 4 to 6 inches long.

Tomatoes, Meaty and Full-Flavored

One Ounce Produces 2,000 Plants, 1/4 Pound to Transplant an Acre

CULTURE—The time from setting out plants to marketable stage is listed here. For early plants, sow the seed in flats or hotbeds, in March. Cover with soil to a depth of one-half inch. The seed germinates in 6 to 12 days. When the plants are 3 inches high, transplant them to other flats, or preferably to paper pots, giving each plant 4 inches of room. About the end of May, set the plants out in the garden, 3 feet apart each way. Pinching off some of the stems will make the plants bear more abundantly.

New Disease-Resistant Strains

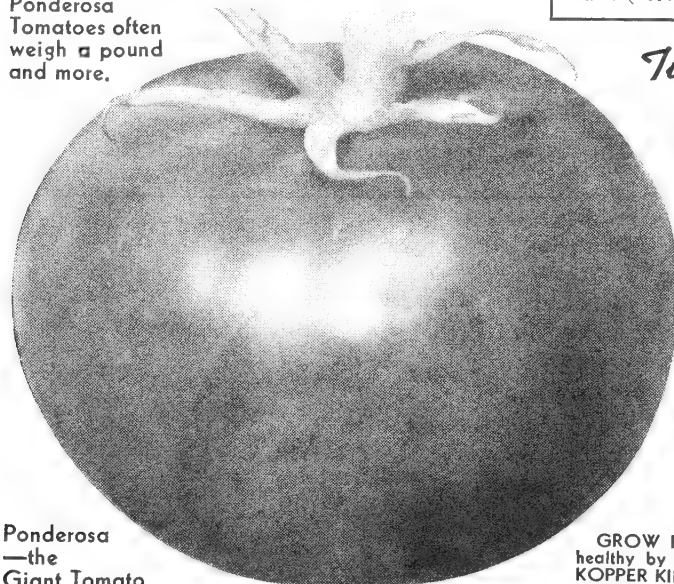


Rutgers—An ideal canning and juice tomato with very firm red flesh, thick walls and small seed cells.

A Tomato Bred To Resist Disease

610. RUTGERS—(73 days.) Originated by the New Jersey Experiment Station, this tomato is a consistently heavy cropper. The fruit is uniform, globular, smooth, of medium size and very solid, with heavy cross walls and small seed cavities. It ripens evenly from the inside out, to a uniform bright scarlet color, is mildly acid and of pleasing taste. Especially valuable for slicing and in the making of sparkling bright red juice. Pkt. 8c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.10, prepaid.

Ponderosa
Tomatoes often weigh a pound and more.



Ponderosa—the Giant Tomato

New Firesteel Tomato

Illustrated on Front Cover.

614. FIRESTEEL—(62 days.) Developed from a cross of Extra Early Bison and Pritchard (Scarlet Topper) it combines the best qualities of both, including Bison's earliness and Pritchard's resistance to Fusarium wilt and disease. The fruits are bright scarlet, globular, of medium size, smooth, solid and free from cracks. The flavor is semi-acid. For dry seasons Firesteel has no equal, as it will set fruit when other types are dropping their blossoms. Pkt. 15c, 1/2 oz. 40c, oz. 70c, 1/4 lb. \$2.50, prepaid.

617. PRITCHARD OR SCARLET TOPPER—(73 days.) A scarlet, self-topping, disease-resistant variety. It is highly productive, of excellent quality, and very valuable for market garden use and for long distance shipping. Fruit: large, smooth, solid, with thick walls and cross sections; color light scarlet. A tasty tomato either sliced or canned. Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25, prepaid.

608. PENN STATE—A splendid, early tomato with attractive medium sized fruit of nearly globular shape and an even scarlet color. Flesh is of superb quality and flavor with rich dark red color, very little core and few seeds. Valuable for its earliness and tremendous yield. Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25, prepaid.

Novelty Tomato Collection

Grow these Tomatoes and delight your family with a salad composed of alternate slices of golden yellow, frosty white and rich red.

One { Mingold—Yellow 30¢
Pkt. { Snowball—White
Each { Pritchard—(Scarlet Topper)

Two Giant Strains

620. COLOSSAL—(90 days.) Magnificent in Size—Delicious in Flavor. Colossal has thick, meaty flesh, few seeds and a mild flavor. The color is a deep purplish-red. A big yielder of giant fruits, equally suitable for slicing, salads and for canning. Pkt. 15c, 1/2 oz. 40c, oz. 65c, 1/4 lb. \$2.25, prepaid.

639. PONDEROSA—The Giant Tomato—(88 days.) A splendid sort for home use and for canning, as the fruits are so solid, meaty and free from acid. Fruit: very large, flat, purplish pink, solid, with small seed cells; of inviting flavor. Pkt. 15c, 1/2 oz. 40c, oz. 65c, 1/4 lb. \$2.25, prepaid.

GROW PERFECT TOMATOES! Keep vines healthy by spraying them regularly with ACME KOPPER KING. Use as a spray or dust to control Blight, Mildew, Wilt and Leaf Spot. 1 lb. 50c ppd.

A Bison Tomato Plant Showing the Large Fruit Clusters. Bison has produced over 40 lbs. of ripe fruit on a single plant.



Grown by Elmer E. Smith, Tonawanda N. Y.

Earliest Varieties

609. EXTRA EARLY BISON—(63 days.) Developed by Prof. Yeager, North Dakota Agricultural College. Bison produces an early and very heavy crop, under conditions that would mean failure to most other sorts. The attractive, bright scarlet fruits ripen a few days ahead of Earliana, and are somewhat larger. Pkt. 10c, 1/2 oz. 35c, oz. 50c, 1/4 lb. \$1.75, prepaid.

611. SCARLET EXTRA EARLY JUNE—(60 days.) This tomato ripens a whole week earlier than Earliana, and is very productive. Fruits are of large size for an early sort, deep glossy scarlet, and ripen uniformly, the stem end coloring up perfectly. Flavor is delicious, fruit is firm and meaty, with few seeds. Pkt. 10c, 1/2 oz. 35c, oz. 50c, 1/4 lb. \$1.75, prepaid.

612. SPARKS EARLIANA—(65 days.) Fruit: flattened, medium size, firm, bright red, quite smooth. Vine: open spreading, medium small. A first early sort, widely used for home gardens and truckers. Pkt. 8c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25, prepaid.

619. NEW VICTOR—(67 days.) Produces large clusters of fine, deep scarlet tomatoes, uniform in size, even-ripening, exceptionally smooth and resistant to cracking and sunscald. The plants are vigorous and prolific; foliage is of the self-pruning type. Excellent for early home and market use, and especially suited to growing conditions in the Northwest. Pkt. 15c, 1/2 oz. 40c, oz. 65c, 1/4 lb. \$2.25, prepaid.

628. JOHN BAER—(70 days.) Here is an excellent early sort maturing between Earliana and Bonny Best. Excellent for local market gardening and canning. Fruit: medium sized, semi-globular, very attractive, bright scarlet red, smooth and firm. Vine: of medium height and open growth. Pkt. 8c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25, prepaid.

635. BONNY BEST—(74 days.) A standard second early variety, valuable for market gardeners, shippers and canners and perhaps the most generally grown variety. Fruit: medium sized, apple shaped, smooth, solid, bright scarlet color of fine quality. Pkt. 8c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25, prepaid.

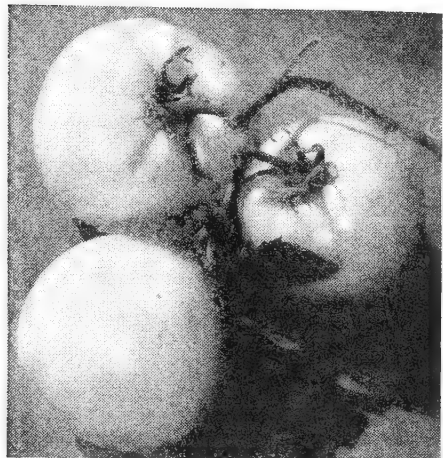
All-Season Tomato Collection

One { Victor—Early 35¢
Pkt. { Bonny Best—Midseason
Each { Colossal—Late

Treat Tomato Seed with SEMESAN. It controls all seed-borne plant diseases and assures you of getting sturdy, healthy seedlings. (See page 17.)

Novelty Tomatoes for Variety

Jubilee--1943 All-America
Bronze Medal Winner



Mingold—An attractive new Yellow Tomato, rich in Vitamin D.

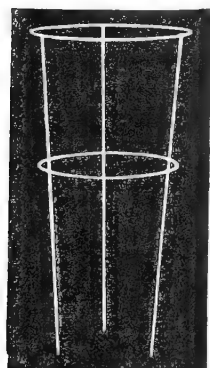
615. NEW MINGOLD—An All-America Silver Medal Winner. An early yellow-fruited sort, introduced by the Minnesota Experiment Station. Of fine flavor, it fills the growing demand for Yellow Tomato Juice and sliced with the reds, makes a colorful salad. The fruits are medium large, nearly globular, solid, with thick walls and cross sections. Pkt. 15c, ½ oz. 40c, oz. 75c, prepaid.

616. OXHEART—(90 days.) In shape it's different from any other tomato. It is of great size, has very thick flesh and is almost seedless. Excellent in salads. Fruit: extremely large, heart shaped, pink; very solid, meaty, and of mild flavor. Vine: open, spreading, fairly productive. Pkt. 15c, ½ oz. 40c, 1 oz. 65c, ¼ lb. \$2.25, prepaid.

For Sauce & Preserves

644. FARGO YELLOW PEAR—A delicious early tomato of novel appearance. An ideal sort for making fancy pickles, preserves, canning, etc. Fruit is pear shaped and of attractive golden color. Easily grown and yields wonderfully. Do not fail to try it. Pkt. 10c, ½ oz. 30c, oz. 50c, prepaid.

653. GROUND CHERRY OR HUSK TOMATO—(86 days.) This is not a true tomato. Used as a novelty and for preserves. Flavor is outstanding. Excellent in combination with oranges, lemons or ginger. Fruit: small, yellow, round, enclosed in a loose, papery husk. Of delicate flavor. Vine: spreading and flat. Pkt. 8c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.25, prepaid.



Tomato AND Peony SUPPORTS

Made of strong galvanized wire—will not rust. The most satisfactory plant support on the market. Inexpensive—will last for years.

Diameter Top Ring	Height	Gauge Wire	Price Each	Postage Each
18 in.	30 in.	6	35c	15c

3 or more will be shipped Express Collect

621. JUBILEE—This outstanding novelty is different from any other Tomato. The flesh is a beautiful rich, tangerine-orange and the skin is yellow. In quality and flavor, Jubilee compares favorably with the best Red varieties. The 6-oz. fruits are smooth, solid and free from cracking, with thick walls and few seeds. Pkt. 15c, ½ oz. 40c, oz. 65c, ¼ lb. \$2.25, prepaid. See Color Illustration on Inside Back Cover.

New Climbing Tomato ➡

622. SKYLINER—This amazing tomato grows to a height of more than 10 feet and yields of two bushels and more have been reported from a single vine. The vines grow rapidly and produce large crimson fruits averaging 3½ inches across and more than 3 inches deep—at times a 5-inch tomato steals the show. They have a solid meaty center, excellent flavor and fine shipping qualities. The vines are blight and drouth resistant. Make your garden the "talk of the town" by growing Skyliner. Pkt. 15c, ½ oz. 45c, oz. 80c, ¼ lb. \$2.75, prepaid.

Snowball--an Acid-Free Tomato

637. SNOWBALL—A beautiful ivory-white tomato, everyone can enjoy as it contains less acid than any other variety. The flesh is alabaster-white, firm and meaty with a mild, rich flavor. The fruits are similar to Golden Ponderosa in size and shape. Pkt. 10c, ½ oz. 40c, oz. 75c, prepaid.



Tender Turnips for Your Table



American Purple Top Rutabaga is creamy yellow, solid and crisp. A heavy yielder and good keeper.

Rutabagas

698. IMPROVED AMERICAN PURPLE TOP RUTABAGA—(88 days.) Our special strain is noted for its uniformity of shape and heavy yield. A dependable variety. Keeps well and of excellent quality. Roots: 5 to 7 inch diameter, large, round with small neck and slight tap root; yellow with purple top. Flesh: light yellow, firm, sweet and tender. Pkt. 8c, oz. 15c, ¼ lb. 50c, lb. \$1.50, prepaid.—Not prepaid, 5 lbs. at \$1.40 per lb.

701. F. S. & N. CO'S EARLY NECKLESS RUTABAGA—A new variety and a great improvement over Purple Top Yellow Rutabaga. It is earlier—entirely neckless—free from side roots, round and uniform. The flesh is white, fine grained and sweet. Another money-maker for market gardeners and a quality vegetable that sells on sight. Pkt. 8c, oz. 20c, ¼ lb. 55c, lb. \$1.60, prepaid.—Not prepaid, 5 lbs. at \$1.50 per lb.

One ounce will sow 125 feet of drill—2 pounds per acre in drills; 3 pounds broadcast.

CULTURE—Turnips and Rutabagas do best in highly enriched, light loam soil. In rich soil and cool weather, they grow rapidly, without becoming bitter in flavor. Sow in April, in drills 12 to 15 inches apart, and thin out to stand 8 inches apart in the row. Rutabagas require a longer growing season than turnips and need more moisture. When full grown, they should be pulled, topped and stored in a cool cellar or pit. If cool and sufficiently moist to prevent withering, they will keep all winter.

681. EXTRA EARLY PURPLE TOP MILAN TURNIP—(40 days.) An extra early sort for home garden and truckers. Of excellent quality. Roots: 4 inch diameter, very flat, white with purple top. Flesh: clear white, fine grained, sweet and tender. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 65c, prepaid.—Not prepaid, 5 lbs. at 55c per lb.

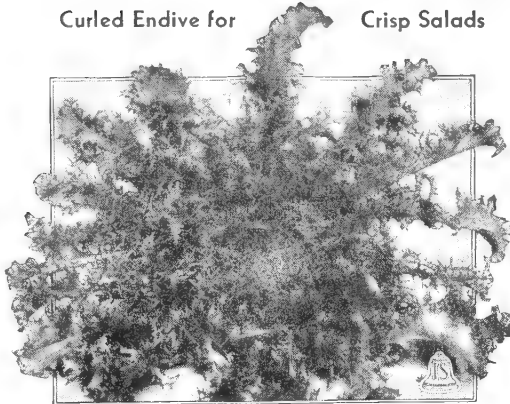
683. WHITE EGG TURNIP—(55 to 60 days.) An early variety adapted for either spring or fall sowing. Roots: 2½ inch diameter, 3½ inches long; egg-shaped, white throughout; smooth, fine grained and of excellent quality. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c, prepaid.—Not prepaid, 5 lbs. at 50c per lb.

685. PURPLE TOP WHITE GLOBE TURNIP—(58 days.) Our pure bred strain is noted for its uniformity and productivity. Roots: 4 to 6 inch diameter, large globe shaped, very smooth, upper part purple-red, white below. Flesh: white, sweet, crisp and tender. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c, prepaid.—Not prepaid, 5 lbs. at 50c per lb.

686. EARLY PURPLE TOP STRAP LEAVED TURNIP—(45 days.) A medium early productive variety, used extensively for home and market garden planting. Roots: 3 to 5 inch diameter, flat, purple red at the tops, white below. Flesh: white, fine grained and tender. Tops, medium, upright and compact. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c, prepaid.—Not prepaid, 5 lbs. at 50c per lb.

Vegetables for the Epicure

Curled Endive for Crisp Salads



Kale or Borecole

This member of the cabbage family does not form heads, but is grown for greens. Can be sown late, as plants continue to grow late in the season. A heavy frost improves the flavor and quality of the thick, crumpled leaves.

75. DWARF GREEN CURLED—Plant is low and compact with large, bright green leaves, curled, and wrinkled. A healthy vegetable, and one of the most palatable when well cooked. Pkt. 10c, oz. 35c, ¼ lb. \$1.15, prepaid.

76. TALL GREEN CURLED SCOTCH—Hardy plants with leaves deeply cut; curled at edges, light green in color. Very tender after exposure to frost. Pkt. 10c, oz. 35c, ¼ lb. \$1.15, prepaid.

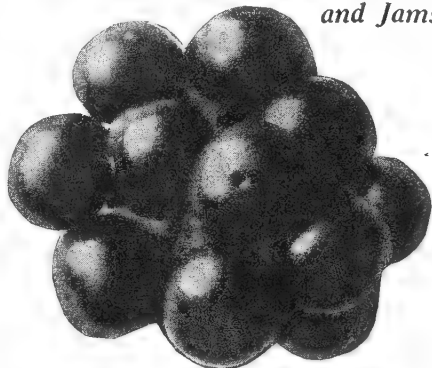
Celeriac—See Page 9

Leek and Mustard—See Page 16

Vegetable Spaghetti—See Page 23

Garden Huckleberries

Make Delicious Pies, Preserves and Jams



655. The berries are borne in clusters and when ripe are a shining black color, about ½ to ¾ inch in diameter. Plants grow 3 feet tall and thrive on any soil. Culture same as for tomatoes. Pkt. 10c, ½ oz. 40c, oz. 65c, prepaid. See recipe below.

Recipe for Huckleberry Pie

Wash and stem 2½ quarts berries, cover with water and let come to a boil. Add ½ teaspoon soda, boil one minute and drain. Add one cup cold water to berries, cook until soft, then mash and add 1½ cups sugar, juice of ½ lemon and boil about 15 minutes. Remove from stove and cool. When ready to put in pie crust add one tablespoon tapioca. Dot with butter, add top crust and bake.

For canning, use above directions (omitting tapioca and butter) cooking berries at least 45 minutes after sugar and lemon juice have been added. Pour into sterilized jars and seal.

Egg Plant

One ounce will produce 1,000 plants.

Sow seed in hotbed in March, when an inch high, pot in 3-inch pots. Set out about June 1st, 2½ feet apart.

302. BLACK BEAUTY—Desirable for the northern states. Earlier than New York Spineless. The fruits are broad, thick, of most attractive form and finest flavor. Their rich, lustrous, purple color is very uniform. Pkt. 8c, ½ oz. 20c, oz. 30c, ¼ lb. \$1.00, prepaid.

Endive

304. FLORIDA DEEP HEART—(88 days.) A great improvement over the Broad Leaved Batavian; the plant is large and vigorous, with broad, thick leaves; many infolding leaves form a deep compact heart, well-blanching and of excellent quality. Pkt. 8c, oz. 15c, ¼ lb. 35c, lb. \$1.10, prepaid.

305. GREEN CURLED—A very beautiful sort of which the leaves are very light colored, even the outer ones being nearly white. They are crisp and tender. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 90c, prepaid.

Herbs

To Flavor, Season and Garnish

To keep over winter, cut on a dry day, just before they are in full bloom. Dry in the shade and store in air-tight Mason jars.

663. DILL—Seeds have an aromatic odor and pungent taste. Used for pickles. Pkt. 5c, oz. 10c, ½ lb. 65c, lb. \$1.10, prepaid.

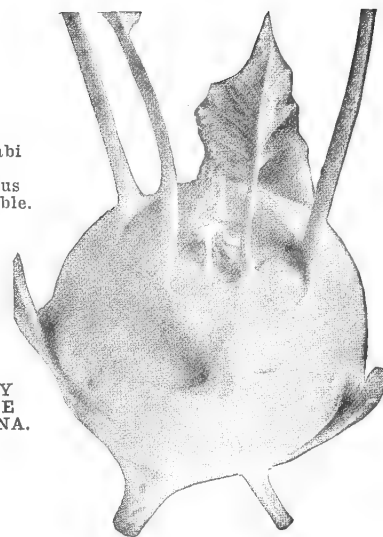
671. MARJORAM—The young, tender tops are used green for flavoring, or they may be dried for winter use, for flavoring broths, dressings, etc. Pkt. 8c, oz. 40c, prepaid.

674. SAGE—The leaves and tops are used very extensively for seasoning. Pkt. 10c, oz. 80c, prepaid.

675. SUMMER SAVORY—A hardy annual. The dried stems, leaves and flowers are fine for flavoring soups, dressings, etc. Pkt. 8c, oz. 40c, prepaid.

676. THYME—The young leaves and tops are used for seasoning soups, in dressings, etc. Pkt. 10c, oz. 50c, prepaid.

Kohlrabi is a delicious vegetable.



This is **EARLY WHITE VIENNA**.

Kohlrabi

One ounce for 200 feet of row.

Sow the seed in light, rich soil as early in spring as possible. Thin to 6 inches apart in the row. Sow at intervals of 10 days for successive crops. Ready for use when 2 to 2½ inches in diameter.

310. EARLY PURPLE—(62 days.) Dwarf plants having short, green leaves with purple stems and veins. Bulbs globular purple, with white, tender flesh. Pkt. 10c, oz. 35c, ¼ lb. \$1.15, prepaid.

311. EARLY WHITE VIENNA—Very handsome, white fruit. Excellent both for forcing and open ground; flesh white and very tender; leaves short. Pkt. 10c, oz. 35c, ¼ lb. \$1.15, prepaid.

Salsify Vegetable Oyster

One ounce for 100 feet of row.

Sow early and quite deep, giving same culture as for parsnips. The roots when cooked are appetizing and nutritious, with a mild, oyster-like flavor.

592. MAMMOTH SANDWICH ISLAND—An improved variety with roots 6 to 8 inches long, 1 to 1½ inches thick, tapering, smooth, dull white. Plants 3½ feet tall. Pkt. 8c, oz. 15c, ¼ lb. 50c, lb. \$1.50, prepaid.

Rhubarb Roots

Set Plants 4 feet apart with Crowns 2 inches below the surface.

NEW MACDONALD RED—Produces thick succulent stalks, 18 to 24 inches long, with skin so thin and tender that peeling is unnecessary. Stalks are bright cherry-red from base to top; flesh white, fine-grained, low in acid, with a mild rich flavor. Sauces and pies made from MacDonald require less sugar and have an appetizing red color when cooked. A tremendous yield, it remains tender and can be used over a long period of time. Price: 35c each, 3 for 85c, 12 for \$2.75, prepaid to 3rd zone.—Not prepaid, 100 for \$20.00.

Illustrated in Color on Front Cover.

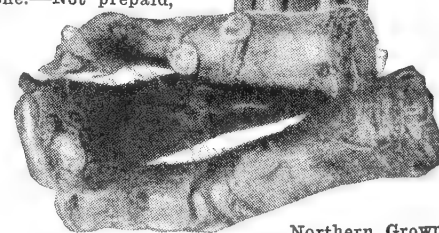
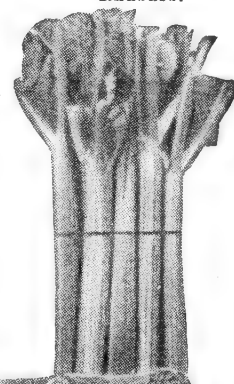
NEW RUBY—The most highly colored of all Rhubarb. Both stalks and flesh are ruby-red. Fine-textured, tender, juicy and crisp, with a sweet, inviting flavor. The stalks are smaller than MacDonald. Price: 40c each, 3 for \$1.00, 12 for \$3.25, prepaid to 3rd zone.

VICTORIA—A popular red variety with extra-large stalks. Early, and immensely productive, tender, with a mild sub-acid flavor. Price: 3 for 35c, 12 for \$1.35, prepaid to 3rd zone.—Not prepaid, 100 for \$5.00.

Horse-Radish Roots

Minnesota grown native planting roots have clear white disease-free flesh. Grate up fine and tender and white as snow. It is just as important to change planting stocks in growing Horse-Radish as it is in growing potatoes to maintain best quality and yields. Price: 12 for 40c, 50 for 95c, 100 for \$1.60, prepaid.—Not prepaid, 1,000 for \$10.50.

MacDonald Rhubarb.



Northern Grown Horse-Radish Roots.

Our Vegetable Plant Department

On plant orders less than 60c, add 15c for packing

Transplanted Vegetable Plants

We supply good healthy transplanted plants of all the varieties listed below, in their proper season. As soon as the transplants are taken from the flats in the greenhouse they are wrapped in moist moss and covered with oil paper, and mailed at once. Ask for prices in larger quantities.

We cannot accept shipments beyond the fourth zone (600 miles) at prices quoted—all shipments beyond fourth zone at customer's risk.

**On Plant Orders Less Than 60c, Add 15c for Packing.
50 or more plants at the 100 rate. Ppd. to 3rd Zone.**

We cannot accept orders for less than one dozen of a variety.

CABBAGE, Early. Ready in April and May. Marion Market (yellows resistant) midseason, Early Jersey Wakefield, Copenhagen Market, Golden Acre, earliest, flat head. \$8.00 per 1,000. **35c per Dozen**

CABBAGE, Late. Ready in June. Hollander or Danish Ballhead (yellows resistant). \$8.00 per 1,000. **\$1.50 per 100 postpaid**

CELERY, Early. Ready in June. Golden Self Blanching, Golden Crisp (green). \$9.50 per 1,000.

SWEET POTATO PLANTS. Porto-Rico. Ready in May and June. **\$1.50 per 100 postpaid**

CHIVES. Ready in April. Per bunch, about 1 doz. plants. **\$1.50 per 100 postpaid**

TOMATOES. Ready in May and June. Fire-steel, Scarlet Topper, Earliana, Ponderosa, Rutgers, John Baer, Oxheart, Bison. \$10.50 per 1,000. **40c per Dozen**
\$2.50 per 100 ppd

CAULIFLOWER. Ready in April and May. Super Snowball. **45c per Dozen**

EGG PLANT. Ready in May and June. Black Beauty. **\$2.50 per 100 postpaid**

GROUND CHERRY. Ready in May and June. **\$2.50 per 100 postpaid**

PEPPER. Ready in May and June. Hungarian Early (Hot Pepper) Minnesota Wonder. **\$2.50 per 100 postpaid**

SAGE. Broadleaf

FOR ONION PLANTS. See page 16.

Surplus Vegetable Plants

At times we have a surplus of certain varieties of Cabbage, Tomato and other vegetable plants, after a day's packing.

We offer these at sacrifice prices, since usually new plants are coming on. All will be in good condition, and the best varieties.

SURPLUS ASSORTMENT OFFER: (Available only after May 20)—Consists of 100 vegetable plants, including cabbage, tomatoes, and other assorted kinds—our selection. **\$2.00 Value for \$1.25 postpaid**

Frost-Proof Cabbage Plants

No Delivery Beyond 3rd Zone (300 Miles).

On plant orders less than 60c, add 15c for packing

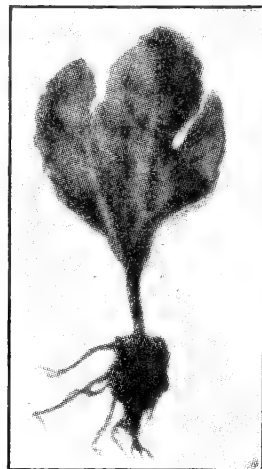
These plants are extremely hardy, and produce the earliest cabbage, fully three or four weeks ahead of any other plants. They are grown in Texas, during the winter, when the weather is often freezing, enduring cold rains and sleet. They can be set out as soon as the ground can be worked and are not injured by shipping or transplanting.

We offer the three best sorts in bundles of about 45-50 of a kind only, which cannot be divided. Prices include postage.

EARLY JERSEY WAKEFIELD, FLAT DUTCH, COPENHAGEN MARKET, DANISH BALLHEAD, MARION MARKET or GOLDEN ACRE.

We reserve right to substitute.

70c 200 for \$1.25
about 100 plants postpaid 500 for \$2.50
1,000 for \$4.00



Frost-Proof Cabbage.

Postpaid to 3rd zone (300 miles). Not available after May 1.

Rust Resistant Asparagus Roots

The soil should be deeply dug, and plenty of fertilizer mixed in, before the roots are set out in rows 3 feet apart and 1½ feet apart in the rows. The plants should be set so that the crowns are 2 inches below the surface. Heavy one-year-old plants are considered best for setting out.

New Early Paradise

A sensationally new early maturing variety—produces normal crop one year earlier than other varieties and gives heavier production throughout its life. Large crisp, tender stalks—exceptionally fine mild flavor. Only 6 to 8 stalks required to the pound. A new, better, rust-resistant variety that will take the country by storm.

Paradise Roots: Heavy, one-year-old, 25 for 60c, 50 for \$1.00, 100 for \$1.75, prepaid to 3rd zone.—Not prepaid: 500 for \$4.75, 1,000 for \$9.00. See back cover.

Washington

Tips are firm and tight, and do not open out until quite tall. They are dark green and thick, of beautiful appearance when bunched.

Price: No. 1 one-year-old roots, 25 for 50c, 50 for 80c, 100 for \$1.40, prepaid to 3rd zone.—Not prepaid: 500 for \$4.50, 1,000 for \$7.75.

Ask for free circular, "How to Grow Asparagus"

— WINDOW BOX AND FLOWER BED PLANTS —

GREENHOUSE PLANTS GROWN IN FLATS.

Many of our best varieties in flowers—all ready for transplanting.

Minimum order 60c. Not less than 6 plants of one variety accepted.

ASTERS—Your selection of the following wilt-resistant varieties:
September Beauty—Flesh pink.
Heart of France—Rich glowing red.
Royal Purple—Best of all purple.
Princess Bonnie—Soft salmon rose.
Victory Collection—Assorted varieties.

COSMOS.
Sensation—Large flowered variety.

MARIGOLD.
Yellow Supreme—Rich creamy yellow.
Dwarf Royal Scot—Double mahogany red-gold.
Prince of Orange—Large double-quilled.

PETUNIA—Finest bedding varieties.
Topaz Queen—True rose pink.
Radiance—Brilliant rose.
Mars—Largest true red.
Viola—Rich violet blue.
Black Prince—Dark red.

SNAPDRAGONS—California Giants.

SALVIA—Red Firebrand.

45c per doz.

24 for 85c

50 for \$1.45

100 for \$2.50 postpaid



Enjoy Your Home Garden.
Grow Food for Victory,
Flowers for Pleasure.



ZINNIAS.

Cupid Mixed—For table bouquets.
Howard Giant Crested—Newest novelty.
Dahlia Flowered Illumination—Rose.
Dahlia Flowered Crimson Monarch—Red.
Dahlia Flowered Oreole—Orange-gold.
Dahlia Flowered Will Rogers—Scarlet.

We reserve the right to substitute nearest similar variety.

POTTED GREENHOUSE PLANTS.

Geraniums—Choice of pink, red or white, in 3½-in. pots. 3 for 85c, ppd., 12 for \$2.50, not ppd.

GIANT DOUBLE PETUNIAS—In 3-in. pots.

Amaranth Red—Red.
Blue Brocade—Blue.
World Beauty—Rose pink.
Price: 45c each, 3 for \$1.00, ppd.

PANSIES. Swiss Giants. Outstanding strain in mixed colors. Doz. 75c, ppd., 100 for \$3.00, f. o. b. Fairbault.

SURPRISE COLLECTION

100-CHOICE BEDDING PLANTS

Our Selection.

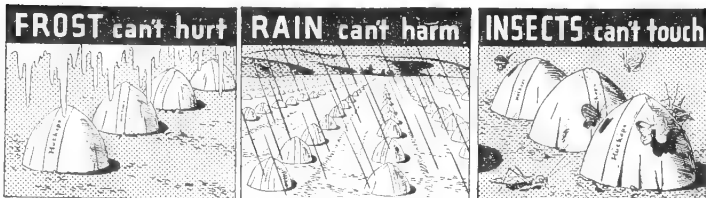
LABELED AND PREPAID

\$1.95

Minimum Orders from This Page 60c, on Smaller Orders Add 15c for Packing

Page 27

Hotkaps Protect Your Garden!



HOTKAPS are waxed paper cones, easily set out over seed or growing plants. They guard against rain, frost, cold, wind, hail, birds and insects, and maintain a perfect mulch. Yield is increased and hastened. Flowers and vegetables mature two to three weeks earlier.

"HOME PACKAGE" HOTKAPS

	Prepaid to 3rd Zone	Not Prepaid
25 Hotkaps and cardboard setter.....	\$0.60	\$0.50
100 Hotkaps with fibre-board setter.....	2.25	2.00
250 Hotkaps with fibre-board setter.....	3.85	3.50

	HOTKAPS ONLY	
Steel Hotkap Setter, \$1.60, prepaid.	100 Hotkaps. \$ 2.00	\$ 1.75
Fibre-board Garden Setter, each 20c, prepaid.	250 Hotkaps. 3.50	3.35
Weights: 100 Hotkaps, 5 lbs.; 250, 9 lbs.; 1,000, 28 lbs.	500 Hotkaps. 6.25	5.90
	1,000 Hotkaps. 11.35	10.50

Sage Hi-Caps

A New Type of Plant Protector Guards plants against rain, frost, insects, wind, birds and crusting. Makes earlier marketing possible. Hi-Caps are especially designed for growing tomatoes and other high growing plants. Well ventilated—amply large, 10 in. diameter at base and 12 in. high. Reinforced construction. One man can set 3,000 in one day. Hi-Caps are economical and inexpensive to use.



Price: No. 2020—	20 Hi-Caps and Paper Setter, 60c ppd.
No. 5010—	50 Hi-Caps and Paper Setter, \$1.10 ppd.
No. 250—	250 Hi-Caps only, \$4.15 ppd.
No. 1000—	1,000 Hi-Caps only, \$11.50, not ppd.
	5,000 Hi-Caps at \$11.25 per M, not ppd.
Light Weight Aluminum Setter (2 lbs.)—each,	\$1.65 ppd.

Treat Garden Seeds with "SEMESAN" for Bigger Yields See Page 17

Neponset Flower Pots

Adapted for growing, transplanting or shipping. Made of tough, waterproof green paper, eliminating breakage. Permits speed in handling and more economical than clay pots. Used by the best gardeners everywhere. The green pots are somewhat heavier for frequent handling. Weight 4 in., 52 lbs. per 1000.



NEPONSET GREEN POTS

PRICES:	Prepaid	Prepaid	Not Prepaid
2 1/2-inch, green..	\$0.35	\$0.95	\$7.00
3-inch, green..	.35	1.10	7.90
3 1/2-inch, green..	.45	1.35	9.90
4-inch, green..	.50	1.45	11.50
5-inch, green..	.60	1.85	15.75

Not quite as heavy as the green—will stand up under reasonable moisture for several weeks. Used extensively for transplanting and shipping. Reinforced disc in bottom.

PRICES:	Prepaid	Prepaid	Not Prepaid	Weight Per 1,000
2 1/2-inch pots	\$0.30	\$0.75	\$4.90	16 lbs.
3-inch pots .....	.35	.80	5.40	24 lbs.
4-inch pots .....	.40	1.10	7.40	38 lbs.
5-inch pots .....	.50	1.40	9.50	62 lbs.

Neponset Plant Bands

For starting and growing seedlings—shipping young plants—protection against cutworms.

Neponset Plant Bands are made of heavy durable, waterproof paper. The ingenious side locking construction makes for convenience in setting up. Weights per 1,000—2-in. 17 lbs.; 3-in., 30 lbs.

Plant Bands: Size 2-inch—100 for 55c, prepaid. Not prepaid—500 for \$2.45, 1,000 for \$4.60. Three-inch size, for larger plants, 100 for 65c, prepaid.—Not prepaid, 500 for \$2.65, 1,000 for \$4.75.

"Push-Pull" Hoe

\$1.65 ppd.

New Time and Labor Saver.

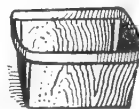
An amazingly effective hoe for weeding and mulching. Works fast—and so easy to operate—it's child's play!

No chopping—no striking—no lifting. Just an easy push and pull. Blade with six cutting edges—made of high carbon steel, with strong wood handle. Easy on the back! Cuts around trees, shrubs and plants. Price: \$1.65, prepaid.

Berry Boxes and Crates

We list only American Baskets since they comply with all state and federal laws—Ewald and old style high bottom boxes are not offered by us this season.

AMERICAN ONE-QUART BASKETS



All made up—firmly constructed—standard size—packed nested. Our best seller and most economical to use. Price: 100 baskets, \$1.20 prepaid to 3rd zone, 500 baskets, \$3.95, f. o. b. Faribault.

PINT SIZE BASKETS—100 for \$1.10 prepaid to 3rd zone, 500 for \$3.75, f. o. b. Faribault, express or freight.

CRATES FOR AMERICAN BASKETS

Sixteen-quart crates—100, \$18.00; less quantities, 20c each. Twenty-four quart crates—100, \$20.00; less quantities, 22c each. Twenty-four pint crates—100, \$16.00; less quantities, 18c each. F. O. B. Faribault.

Weight: 100 quart baskets—13 lbs. 500 packed in one crate—65 lbs. Square Berry Box Bands (Quart size)—For starting melons, squash, cucumbers, etc. in hot beds or cold frames—Packed flat, 100 for 65c, prepaid; 500 for \$2.25, not prepaid.

Cutworms? Veneer Plant Guards

Protects plants from damage by cutworms—acts as fertilizer.

Place around the plants just after planting. After 8 to 10 weeks the bands are absorbed by the soil and act as a fertilizer. Set bands about two inches in the soil. Shipments: Freight or Express.

Price: 3x8-in. Bands (packed flat), 100 for 60c, prepaid.—Not prepaid, 500 for \$1.35.

4x10-in. Bands, 100 for 85c, prepaid.—Not prepaid, 500 for \$1.70.

5x12-in. Bands, 100 for \$1.00, prepaid.—Not prepaid, 500 for \$2.50.

Weight, 25 lbs. per 500.

WHITE ELM TREE PROTECTORS—10x20, packed flat, 50 for 95c, 100 for \$1.65, prepaid.



Masters Rapid Plant Setter

The only practical tool for transplanting all kinds of plants—Tomatoes, Cabbage, Cauliflower, Pepper, Egg Plant, etc. Not recommended for Strawberry Plants.

Each plant is set, watered and covered in one operation, without any stooping or lame backs. Cuts labor to one-third. With the Masters Rapid Plant Setter, one man will set 8,000 to 15,000 plants per day—this is more than three men can do by hand.

Does Perfect Work.

The roots of each plant are put into the ground in a natural position and firmly set by the absorption of the water into the ground. This is "Nature's Own Way." Transplanting losses are reduced to the minimum. The tiny roots are sucked into the ground almost as though they grew there and the plant takes hold and starts to grow at once.

Thousands are in use—they are guaranteed to satisfy you fully or money back. This Setter will pay for itself within the first week of use. Price: \$5.60, prepaid to 3rd zone (300 miles). Weighs 7 lbs.



A LITTLE LIBRARY of Useful Information

Booklets of practical information showing plans for making things. Everything described, tested. Order Little Library Booklets by number. Only 25c each, 5 for \$1.00, prepaid.

6. COLORED CONCRETE GARDEN FURNITURE

Complete plans and simple details so you can make, for fun or profit, garden benches, pottery without molds, flower boxes, bird baths and sundial pedestals in beautifully colored artificial "stone." These attractive articles are permanent additions to any home. Also, how you can build a small concrete mixer from old auto parts and a 60-gallon barrel.

7. BIRD HOUSES

Easy to build homes for all kinds of birds. Complete plans and illustrations, for colony houses, four-apartment log cabins and single apartment houses of rustic design. Also how to build attractive bird baths, cages, feeding stations and table-top aviary.

19. HOME WORK OPPORTUNITIES

Simple handicraft projects anyone can do to earn money in their spare time. There are crepe-paper novelties, sheet metal decorative objects, useful things made of oilcloth, such as knitting bags, waste baskets and shoe containers, re-caning of old chairs and trays.

14. LOG CABINS AND TOURIST COTTAGES

Two distinctive types of year-round cabins of logs. One of stockade walls of vertical split logs which do away with chinking and saddle-notching. The other is made of logs with corner notching. Also plans for attractive and inexpensive tourists' cabins which you can build easily.

16. GARDEN WOODWORK AND FURNITURE

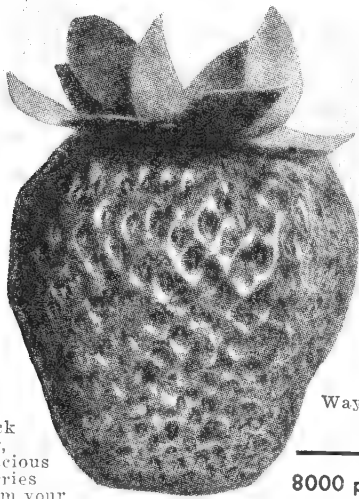
Gives plans and details for fixing up your outdoor living room and beautifying your garden. In addition to ornamental structures, such as pergolas, arbors and seats, it tells how to dress up your home with trellis, fences and attractive outdoor furniture.

27. TRAILERS

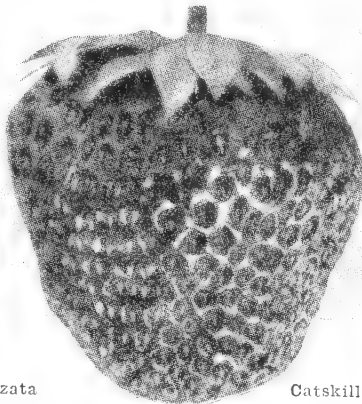
Midget house and utility type trailers which anyone can build in spare time. The "midget" is a tear-drop type which provides sleeping quarters for two adults besides storage space for six or eight cots or sleeping bags for camping trips. The four utility trailers have two wheels, are capable of high speeds and loads up to 2,000 pounds.

Northern Grown Strawberry Plants

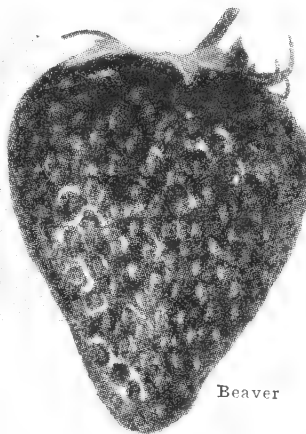
FROM OUR STRAWBERRY PLANT DEPARTMENT • POSTPAID PRICES ARE PREPAID 600 MILES ONLY.



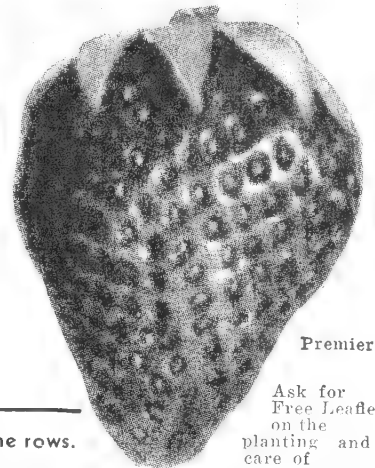
Wayzata



Catskill



Beaver



Premier

Pick big, luscious berries from your own garden.

Ask for Free Leaflet on the planting and care of strawberries.

8000 plants for an acre. Set in rows 4 ft. apart—plants 1½ ft. apart in the rows.

WAYZATA

World's Best Everbearer

Large glossy-red berries until snow flies—fruit first season.

Immense glossy-red berries of honey-sweet flavor produced the first season.

Each plant loaded with ripe berries, green berries, and buds.

The "Wayzata" will make more vigorous growth in a shorter period of time than any Everbearing variety grown. If set early in spring, there is always a good crop of runners early in July—they will be loaded with fruit by the beginning of August. This berry has a tendency to grow numerous crowns from a single root and each crown is always loaded with blossom stems. This is the outstanding characteristic of the "Wayzata" and is what makes it a heavy bearer.

Wayzatas are the outstanding cash crop in strawberries. They always bring a premium on the market and are drought and frost resistant. This variety is becoming nationally famous.

Price: 25 plants \$1.50, 50 plants \$2.50, 100 plants \$4.75, prepaid.—Not prepaid, 500 plants \$20.00. (Weight 500 plants, 20 lbs.)

SPECIAL—Potted Wayzata Plants

We cannot accept orders for less than 12 plants.

With roots undisturbed, for fast development. 12 plants \$1.00, 50 plants \$3.25, 100 plants \$5.75. Prepaid to 3rd zone.

SCARLET GEM *A New Everbearer*

Bears 90 days after planting. Berries are smooth, bright red and ripen uniformly, with no green tips. Firm, fine-flavored, sweet and very productive. A much improved offspring of the old Progressive Everbearing variety.

Price: 50 plants \$1.20, 100 for \$2.25, prepaid.—Not prepaid: 500 plants \$6.85, 1,000 plants \$12.75. (Weight 500 plants, 20 lbs.)

SENATOR DUNLAP

The Famous Old Reliable

June Bearing

Beautiful, glossy, dark red color all through, the flavor is delicious, mild and sweet. Wonderful for canning and preserves. The berries are medium to large in size, and medium firm—excellent for home use and local markets. Plants are healthy, fast growers and make runners freely. A dependable midseason sort.

Price: 50 for 95c, 100 for \$1.50, prepaid.—Not prepaid, 500 for \$4.00, 1,000 for \$7.50.

BEAVER

Earliest of All

June Bearing

A richly colored berry, firm and red clear through, especially recommended for canning as it retains its color in the can. Extra early, a heavy yielder and an excellent shipper. Plants thrive best on sandy soil. Price: 50 for \$1.00, 100 for \$1.65, prepaid.—Not prepaid, 500 for \$4.00, 1,000 for \$7.75.

PREMIER

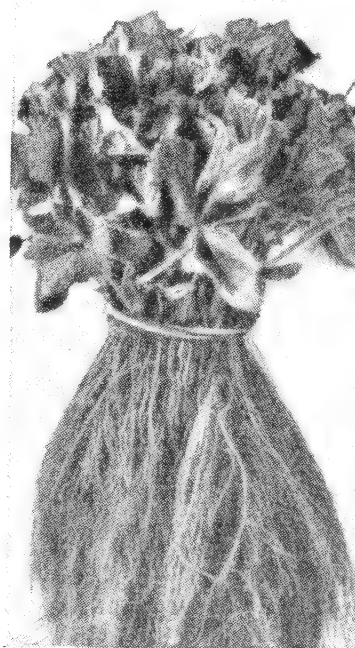
Early, of Fine Quality

June Bearing

An early June bearing variety—always giving satisfaction and ranking first in popularity among leading horticulturists. Fruit is of large size, bright red. Quality and fruit flavor exceptionally fine. Will withstand drought and is one of our best shippers.

Price: 50 for \$1.10, 100 for \$1.85, prepaid.—Not prepaid, 500 for \$4.25, 1,000 for \$8.00.

LEAFLET ON STRAWBERRY CULTURE FREE



Our Wayzatas are young, vigorous rooted plants. We do not advise setting clumps or crown divisions.

CATSKILL

For Midseason

Considered the best mid-season variety—a strong, vigorous grower and a sure cropper. Originated by New York Experiment Station.

The berries are very large and bright in color—quality equal to Premier. Catskill will be in big demand as it is a heavy producer—sells readily in the market and is proving itself a real money maker.

Price: 50 for \$1.10, 100 for \$1.85, prepaid.—Not prepaid, 500 for \$4.25, 1,000 for \$8.00.

FAIRFAX

Large, Firm and Delicious

June Bearing

Introduced by the Department of Agriculture and a wonderful plant maker. Thrives in all kinds of soil, and withstands frost and adverse weather conditions remarkably well. Fairfax bears early fruit of good size and of rich carmine-red color. Its long picking season is especially desirable. For home or market this berry will always make good. Price: 50 for \$1.00, 100 for \$1.65, prepaid.—Not prepaid, 500 for \$4.00, 1,000 for \$7.75.

Yellow Alpine Strawberries

Grown From Seed

Flowers are produced within 8 weeks after sowing, and medium size berries appear in great quantities throughout the season. Flavor and aroma exceptionally fine—no runners develop. May also be grown indoors in pots. Pkt. 15c, 2 pkts. 25c, prepaid.

SPECIAL SURPLUS OFFER

Small quantities of different varieties of Strawberry Plants are frequently left at the close of the day's packing. These are offered at low prices, to make room for the next day's plants. All are good standard varieties, true to name. We offer them, our selection, not less than 100 plants. Price: 100 for \$1.10, prepaid.—Not prepaid, 500 for \$3.60.

AMERICAN BERRY BASKETS

Quart Size Baskets: 100 for \$1.20 prepaid to 3rd zone. 500 for \$3.95.

Pint Size Baskets: 100 for \$1.10 prepaid to 3rd zone. 500 for \$3.75.

All prices f. o. b. Faribault except as noted, express or freight shipments.

Weight—100-qt. baskets, 13 lbs. Crate of 500 baskets, 65 lbs. For crates, see page 28.



Hardy Minnesota Grown TREES & PLANTS

Common rooted fruit trees shipped from sections further south, may look the same as northern rooted trees—may even start all right in favorable seasons. But when the first hard winter comes along, and there is little or no snow for protection, common rooted trees are quite sure to be injured or even killed, leaving a dead or crippled orchard.

An apple tree is no hardier than the root it is grafted upon. Hardy root stocks are as vital to your orchard as a good foundation is to your home.

Actual tests show that common, tender root stocks are the greatest cause of failure in the orchard. Commercial growers know how important root stocks are to the life of their trees. You too, can depend on our northern rooted fruit trees.

**PLANT NORTHERN ROOTED
FRUIT TREES**

YOU PAY NO SALES TAX WHEN YOU BUY HERE



A—Northern Rooted McIntosh, 15 years old. B—Common Rooted McIntosh, 15 years old. In comparative tests, 50 common rooted trees and 50 northern rooted trees of the same size and age were planted under identical conditions.

Note the vast difference at 15 years. Of the original 50 common rooted trees, many are gone entirely. Those remaining are less than one-third the average size of the northern rooted trees, and have borne only one-fifth as much fruit.

EARN FREE GIFTS
With Your EARLY Nursery Order
Look for the 3 Stars!!!

Order Nursery Stock from any 3 star page (any page marked with 3 stars at the top: ★★ ★). Send us this order with full remittance BY MARCH 15, 1943 and you may choose from the FREE Gift list below as follows:
With such orders from \$3.00 to \$5.00, YOUR CHOICE OF:
1 Scarlet Berried Barberry—OR—2 Bittersweet Vines.
With such orders from \$5.00 to \$10.00, YOUR CHOICE OF:
4 New Ruddy Purple Raspberries—OR—1 Paul's Scarlet Climber Rose.
With such orders over \$10.00, YOUR CHOICE OF:
1 Beautiful Grootendorst Rose—OR—3 Hansens Bush Cherries.
Gifts must be REQUESTED on orders and are given only on 3 star NURSERY ORDERS sent us by Mar. 15.

\$1.00 Nursery Bargains

- 3 Jumbo Plums, 2-3 ft. (our selection)..... \$1.00, ppd.
- 3 Hardy Red Cherries, 2-3 ft. (our selection)..... 1.00, ppd.
- 3 Hardy Wine Grapes, 2 yr. (our selection)..... 1.00, ppd.
- 5 Giant Marcy Red Raspberry (bears first year)..... 1.00, ppd.
- 2 Red Berried Mt. Ash, 2-3 ft. (our selection)..... 1.00, ppd.
- 3 Hardy Rugosa Roses (our selection)..... 1.00, ppd.
- 12 White Cedar Seedlings, 2 yr. (transplanted)..... 1.00, ppd.
- 2 Colorado Blue Spruce, 12-15 in. (transplanted)..... 1.00, ppd.

**FREE SURPRISE
INCLUDED WITH EXPRESS SHIPMENTS**
With express shipments of nursery stock amounting to \$3.00 or more we will include a FREE SURPRISE to help offset the shipping charge which you pay. You also get better quality, heavier rooted stock in express shipments, since we need not restrict package weight and length, as in parcel post shipments.

About Shipping

SMALL ORDERS—On nursery orders under \$1.00, it is necessary to include 15c extra packing charge due to high cost of properly packing live plants. No packing charge on orders of \$1.00 or more.

SHIPPING CHARGES—Nursery orders in which all items are quoted prepaid, (such as berries, grapes and roses) will be sent prepaid to the 4th zone or 600 miles only. Beyond that, extra postage will be requested.

NOT PREPAID ITEMS are too large to mail, and will be shipped express or freight. Customer to pay express or freight charges when he receives shipment.

ORDERS CONTAINING BOTH Prepaid and Not Prepaid Nursery items will be sent in one shipment by express or freight. We pay part of shipping cost at this end—customer to pay balance of charges on receiving shipment.

NO NURSERY SHIPMENTS INTO THESE STATES—because of great distances and high permit fees: Florida, New Mexico, South Carolina, West Virginia, Wyoming and Canada.

SHIPPING TIME—We start shipping about March 15, depending on weather, and continue through April and May. We try to have shipment arrive at best planting time in your section. Orders guaranteed to arrive in good growing condition. Planting instructions included.

About Landscape Plans

If you are anxious to secure an accurate, properly balanced landscape plan that is tailor made to fit your home grounds complete with specifications, laid out in an easy to read manner, send for our Sketch Sheet.

On this sheet are full instructions to help you in making up the rough sketch for your home and grounds.

Upon receipt of your rough sketch and \$5.00, our landscape department will prepare a complete plan, together with a planting list, of hardy evergreens, trees, and shrubs best suited to your soil and conditions. This fee applies to average city lots. Larger area plans, priced in proportion.

If your nursery order totals \$40.00 or more, the \$5.00 will be credited to the order, thus making this Landscape Service absolutely free.

If you desire a foundation planting only, the landscape fee is \$2.50 and will be credited on your nursery order of \$25.00 or more.

No plans can be prepared after March 15.

OUR FAIR PLAY GUARANTEE

All of our Nursery Stock carries the Minnesota Inspection Certificate and is guaranteed true to name and in good growing condition. If for any reason you do not find everything just as represented, notify us at once and we will order shipment returned, refund your money, or replace the items without charge.

Any tree or plant that dies the first growing season we will replace at half the catalog price, the following spring, if loss is reported by October 15th following date of purchase.

We cannot be responsible for losses other than the above.

Certified RASPBERRY PLANTS ★ ★ ★

BIG RED LATHAM

One Inch in Diameter!—

The nationally known King of Red Raspberries. Originated in Minnesota, and grown everywhere. A perfectly hardy, strong, vigorous grower, outyielding all others. Most profitable for market. Quantity prices below.

RED CHIEF—Ten Days Earlier

Popular early variety—most profitable for early marketing. For continuous fruit production we recommend Chief and Latham. Excellent quality and good yielder. Quantity prices below.

INDIAN SUMMER

Everbearing Red Raspberry

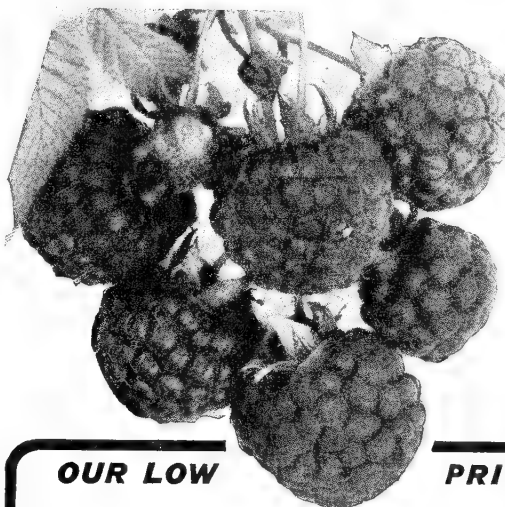
A new Two-crop Red Raspberry developed by the New York Experiment Station. Bears in summer and again in fall, continuing until frost. The berries are large, somewhat conical, of medium red color and high quality. Plants are hardy and vigorous growers. A real chance to profit from fall marketing. Quantity prices at right. See color photo—page 40.

NEW U. S. SUNRISE

Extra Early—Fine Quality

A brand new red raspberry just released by U. S. Dept. of Agriculture. First time offered! It's extra early—(2 weeks ahead of Latham), yet berries are large and have better texture, finer quality and more flavor than Latham. Very hardy and disease resistant. Supply limited. Prices at right.

Minnesota Grown and State Inspected Plants



FREE 5 Page Leaflet on Planting and Care of Red Raspberries.

CUMBERLAND

Black Cap Raspberry—

Most profitable Black Cap berry to grow—produces big crops year after year—succeeds on all kinds of soil. Berries extra large, glossy-black. Quantity prices below.

NEW SODUS

Purple Cap Raspberry

A new Raspberry especially noted for fruit production. Berries are large, firm, fine quality and have a wine-red, purple color. You will prize this variety highly. Quantity prices below.

OUR LOW

PRICES ON RASPBERRIES!

	Size	Postpaid to 4th Zone				Not Prepaid (Freight or Express)		
		12	25	50	100	250	500	1000
Latham or Chief	{ 2 yr. Bearing.....	\$1.25	\$2.25	\$3.95	\$6.95	\$10.95	\$19.35	\$32.50
	{ 1 yr. Standard.....	.80	1.50	2.60	4.45	8.35	15.60	26.95
Indian Summer	{ 2 yr. Bearing.....	1.25	2.25	3.95	6.95	12.35	21.25	36.25
	{ 1 yr. Standard.....	.95	1.65	2.85	4.85	9.85	16.95	29.85
New U. S. Sunrise	{ 2 yr. Bearing.....	1.85	3.35	5.85	9.85			
	{ 1 yr. Standard.....	1.25	2.25	3.95	6.95			
Cumberland Black or Sodus Purple	{ 2 yr. only.....	1.25	2.25	3.95	6.95	12.35	21.25	
Alfred Blackberry	{ 2 yr. Heavy.....	1.25	2.25	3.95	6.95	12.35	21.25	36.25
	{ 1 yr. Standard.....	.95	1.65	2.85	4.85	9.85	16.95	29.85

BERRIES

BLACKBERRY ALFRED

A crop the second season. Berries are twice as large as ordinary blackberries—often 1½ inches long. The ideal table berry—of fine flavor and practically coreless, with but few small seeds. Stands 35 below zero.

(See Prices under Raspberries, above.)

JUNE BERRY

Resembles the delicious Blueberry. Looks like it, tastes like it, makes luscious pies and sauce like it. But it's easy to grow and quick to bear. No special care—thrives in any soil—very hardy. It's an ornamental shrub with edible fruit. Price: 3 plants, Mailing Size \$1.00, prepaid. (Larger Stock Page 38.)

CRANBERRY Highbush

Beautiful flowering shrubs, later loaded with huge clusters of bright red berries that hang on way into winter. Berries make jelly that looks and tastes exactly like grocery cranberries. See page 39. Price: 3 plants, Mailing Size \$1.00, prepaid. (Larger Stock Page 38.)

MAMMOTH BOYSENBERRY

The largest bramble berry. Berries are 1½ to 2 inches long, and of purple color. Flavor is superb and rich. A pleasing blend of Raspberry and Dewberry—fine for eating fresh or canned. A real money maker for market. Requires some winter protection.

PRICES: 12 for \$1.00, 25 for \$1.90, 50 for \$3.50, 100 for \$6.50, prepaid.

JUMBO BLUEBERRY

Giant Blueberries—two to three times as large as native ones, grow on beautiful ornamental bushes with bell-shaped pinkish blossoms. Make delicious sauce and pies! Planting directions free. They require acid soil, so these plants come packed in acid humus. Strong plants furnished—no replacements made.

PRICES: 2 plants, 3-year size, \$2.25, 4 plants for \$4.00, prepaid. Acid humus free.

GRAPES

FREDONIA Early Black Grape

The earliest large-berried Grape for the North—three weeks earlier than Concord. Vines are vigorous—clusters of medium size, very compact. Offers great opportunities for market or home use. Prices below.

BETA GRAPE Hardy as Wild Grapes

Always dependable, producing heavy crops every year. Fruit of medium size, good quality, early—excellent for jelly and grape juice. Prices below.

NEW "MINN. 69" GRAPE

A new large sized black grape from our Exp. Station. Very hardy, heavy yielding, intermediate in quality between Fredonia and Beta. Therefore suitable for dessert or juice. Slightly acid when eaten fresh. Prices below.

NEW "MINN. 66" GRAPE

At last a large size, super-quality, green grape that withstands "40 below", without winter cover. Attractive foliage—ideal for arbors. Very large yellow-green fruit, with sweet, mild flavor. Finest dessert quality. Prices below.

CURRANTS

RED LAKE CURRANTS (Minn. 24)

A Minnesota introduction producing heavy crops of big, red berries in long clusters. The bushes are strong and vigorous with healthy foliage. Makes beautiful sparkling bright red jelly. Prices below.

GOOSEBERRIES

CARRIE GOOSEBERRIES

A heavy yielder of good-sized fruit. Perfectly hardy and recommended by Professor Hansen as foremost in quality and productiveness. No shipments made to Connecticut, Idaho, Maine, Massachusetts, Michigan, New Hampshire, New York, Rhode Island, Vermont. Prices below.

NEW "PIXWELL" GOOSEBERRIES

Developed by Dr. Yeager at North Dakota Station. Has very few, soft thorns. Berries hang 2 inches below branches and are much easier to pick than other kinds. Extremely hardy even in Canada. The large bushes bear heavy loads of super-quality fruit.

PRICES ON GRAPES—CURRANTS—GOOSEBERRIES

		Two Six Ten		
GRAPES:	Fredonia	{ 2 yr., postpaid.....	.69	\$1.98
	Beta			
	"Minn. 69"	{ 2 yr., postpaid.....	.98	2.65
	"Minn. 66"			
CURRANTS:	Red Lake	2 yr., postpaid.....	.69	1.98
GOOSEBERRIES:				
	Carrie	2 yr., postpaid.....	.69	1.98
	Pixwell	2 yr., postpaid.....	.98	2.65

Improved APPLES

ALL NORTHERN ROOTED TREES

PRICES BELOW

BIG RED HARALSON APPLE—Produces a good size, deep red, winter apple of excellent flavor, with outstanding keeping qualities—keeping in perfect condition until late spring. It is free from blight and, best of all, has the tendency to bear early. (See page 41.)

CORTLAND—(Improved McIntosh.) This new apple is smashing its way into front page popularity. Its bright red color and top-notch quality make it a favorite of the late fall apples. Flavor is delicious. They are easy to grow and hang long on the trees.

DOUBLE RED DUCHESS—A new summer apple, with all the Duchess qualities of hardness, earliness, and heavy yield. In addition, it has HIGH RED COLOR.

WEALTHY—The leading apple for its season (Sept. to Jan.). The fruit is large, a beautiful shade of deep red, and the flavor excellent. One of the best eating apples grown in the Northwest. A good keeper and heavy yielder.

DELICIOUS—A favorite winter apple for commercial and home orchards. Fruit large, fresh fine grained, sweet, juicy and really delicious. Our northern rooted stock is hardy in favorable locations.

ANOKA—Summer apple, very early to ripen, which bears the second year. Resists blight and produces a consistent crop.

YELLOW TRANSPARENT APPLE—Delicious golden yellow apples. Good to eat long before other sorts are ready. Fruit large, yellow with crisp meat and delicious flavor.

WHITNEY CRAB—A favorite in the home for canning and preserving. Fruit is of good size—very highly colored. Immense crops.

DOLGO, THE LAWN TREE CRAB—Has rare beauty as an ornamental lawn tree, and is perfectly hardy. The apple itself is a very rich red, and jells perfectly, even when dead ripe. A fine canning crab.

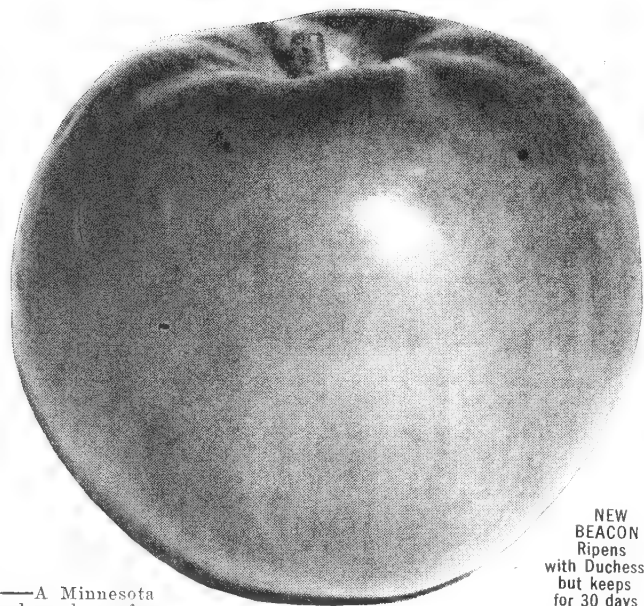
New ★ ★ ★
Experiment
Station
Apples!

NEW "MINJON" APPLE—A Minnesota Jonathan, so hardy it thrives and produces far North. Bears abundantly and regularly—heavy loads of brilliant all-red apples. Ripens with Wealthy, but colors better, hangs to tree better, brings more money on market. Page 40. Prices below.

NEW PRAIRIE SPY—(Minn. No. 1007.) A new long-keeping, super quality apple, so far superior to others marketed after Christ, mas, that a ready market awaits all that can be grown for many years. Very productive and fruit hangs well to trees. No finer quality anywhere. Perfectly hardy anywhere in Minnesota. (See page 40.)

NEW BEACON—(Minnesota No. 423.) Early fall red eating apple. Ready before Wealthy or McIntosh. Ripens but a few days later than Duchess and will keep a month after harvest. It is highly colored, fine quality and solid red. Hardy, very productive. (Page 40.)

NEW "RED RIVER" CRAB—A North Dakota triumph! A cross of Dolgo ("Beauty Crab"), and the famed Delicious Apple. Result—a new "glamour fruit" combining the beauty, color and zip of Dolgo with the sweet flavor of Delicious. A good sized crab—hardy even in Canada. Price: 4 to 6-ft. trees, \$1.00; 5 to 7-ft. \$1.25 each, not prepaid.



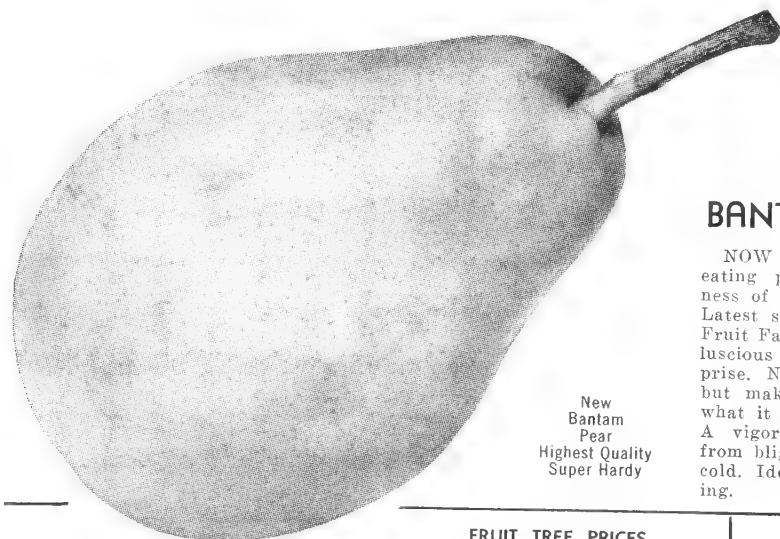
NEW
BEACON
Ripens
with Duchess
but keeps
for 30 days

RED FLESH CRAB—A novel crab of striking appearance. Red flowers, bright red apples with red flesh! Makes brilliant red apple sauce, jam or jelly. Delightful flavor. Perfectly hardy. Page 40.

MINNESOTA NO. 638—A "Winter Wealthy" that's beautifully colored, solid red, of finest quality with mild, pleasant flavor. Keeps through January. Fruit hangs to tree in high wind. Produces abundant crops year after year. Page 41.

MINNESOTA NO. 993—NOW! A MINNESOTA DELICIOUS that's hardy for the North! Truly a triumph of fruit breeding. Flavor and texture even better than Delicious, although fruit is not so highly colored, 993 is a large, long keeping winter apple with the finest flavor ever produced at Minnesota's Fruit Farm. Flesh is crisp, sweet, juicy—never becomes "flat and mealy." Supply limited. Price: 4 to 6-ft. trees, \$1.00; 5 to 7-ft. \$1.25 each, not prepaid.

MINNESOTA NO. 790—A splendid new large red winter apple. Hardier and considered superior to Roman Beauty, popular baking apple. No. 790 is highly prized for size, color, flavor and hangs well on the trees. (Pg. 41.)



New
Bantam
Pear
Highest Quality
Super Hardy

Hardy PEARS

NEW BANTAM PEAR

NOW a real high-quality eating pear, with hardness of a Duchess Apple! Latest sensation of Minn. Fruit Farm. Flavor of the luscious fruit—a big surprise. Not a large pear, but makes up in quality what it may lack in size. A vigorous grower, free from blight, stands severe cold. Ideal for lawn planting.

PARKER PEAR

Introduced by the Minnesota State Fruit Farm, this splendid pear is now recommended for the southern half of Minnesota and similar latitudes. The fruit is medium to large, with smooth skin; color, yellow-bronze with faint blush. Flesh is fine-grained, tender, sweet, and juicy. Fruit ripens in early Sept. (Page 41.)

PATTEN PEAR

This pear has been thoroughly tested and is now recommended for planting in southern Minnesota and suggested for trial in favorable locations farther north. The fruit is of good size, resembles Bartlett in form and color; very tender, juicy and of good quality. Season September.

FRUIT TREE PRICES
ARE NOT PREPAID

PEAR TREE PRICES

VARIETY	SIZE	1 to 3 EACH	4 to 11 EACH	12 or more EACH
Bantam	3 to 5 ft.	75c	70c	63c
Parker	4 to 6 ft.	85c	80c	73c
Patten	5 to 7 ft.	95c	90c	83c

ALL FRUIT TREES ARE SHIPPED BY
EXPRESS OR FREIGHT, COLLECT FOR SHIPPING CHARGES

APPLE TREE PRICES (Not ppd.)

STANDARD VARIETIES:	SIZE	1 to 3 EACH	4 to 11 EACH	12 or more EACH
Haralson	3 to 5 ft.	60c	55c	47c
Duchess	4 to 6 ft.	65c	60c	53c
Delicious	5 to 7 ft.	75c	70c	63c
Transparent				
N W. Greening				
Cortland				
Wealthy				
Anoka				
Whitney				
Dolgo				
NEW APPLES				
Minjon	3 to 5 ft.	70c	65c	57c
Beacon	4 to 6 ft.	75c	70c	63c
Red Flesh	5 to 7 ft.	85c	80c	73c

Minn. 993 and Red River—Prices under descriptions above.

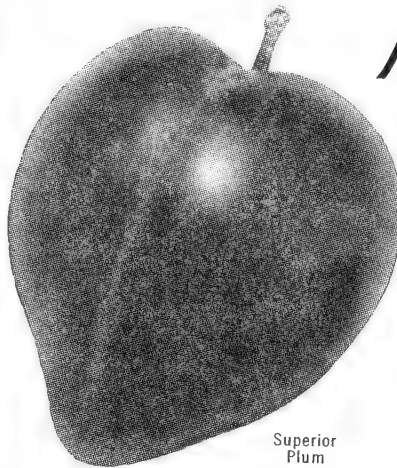
JUMBO PLUMS

SUPERIOR—A hardy plum originated at the State Fruit Breeding Farm by crossing big California Burbank varieties. As large as California plums, surpassing them in quality and hardness. Firm flesh, beautiful red color, peels like a peach. Prices below.

KAGA—(Pollinator.) An outstanding canning plum originated by Prof. Hansen of the S. D. Agricultural College. Has a distinct, delicious flavor, and is sometimes called the apricot plum. For canning or jam, it is unsurpassed. A fine pollinator for any plums offered on this page. Prices below.

UNDERWOOD—Bears annually, is of large size and excellent flavor; flesh firm, small pit. It may be readily peeled for canning. Underwood and Surprise should be planted close together to insure setting of fruit. Prices below.

EMBER—A recent origination of our State Fruit Breeding Farm. A late plum of good size with fine dessert and canning qualities. It is yellow with attractive red blush. It hangs to the trees until fully ripe, and keeps in good condition for weeks. Prices below.



Superior Plum

SEE COLOR PHOTOS!

NEW PLUMS - CHERRIES - PRUNES

on front cover—inside front cover—pages 40 and 41.

New Plums JUST RELEASED

NEW REDCOAT—(Free Stone)

This brand new Minn. State Fruit Farm plum bears heavy loads of choice quality, all red, prune shaped fruit, with a perfectly free stone. A grand improvement over Red Wing and older plums. Color photo page 40. Prices below.

NEW PIPESTONE PLUM

Minnesota's newest "JUMBO" Plum! Largest of all and much better than most plums now grown. Extra early—ripens first week in August. A heavy cropper—exceptional eating quality and also excellent for canning. Color photo page 41. Prices below.

NEW SUGAR PLUM—(Pollinator)

Sugar Plum (South Dakota 27) has proved a most efficient pollinator for other plums on this page. It's a most attractive red and yellow plum of delightful flavor. Ideal for eating out of hand or canning. Prices below.

Minnesota Grown HARDY CHERRIES

SAPA CHERRY

Its beautiful wine-red color, excellent quality and delicious flavor have made Sapa most popular for northwest fruit farms. A large sized hybrid cherry with small pit. Thin skinned, purple-red outside, with rich dark wine-colored flesh. Compass Pollinator or Hansen Bush Cherry should be included in every Sapa planting. Prices below. (See Page 41.)

COMPASS CHERRY—(Pollinator)

Hardy throughout the Northwest and Canada. Fruit is black, of medium size and good quality. Makes delicious pies, preserves, etc.

See color photos

—front cover

—inside cover



Special New Bush Cherries

OPATA CHERRY—(Pollinator)

Bears loads of dark purple red cherry-plums, generally the 2nd year. Excellent to eat out of hand. Fruit ripens very early in August, is thin skinned and has very small pit. A good pollinizer for Sapa and Oka. (See Page 40.)

NEW KOREAN CHERRY

Minn. Exp. Sta. Novelty. Bears loads of finest pie cherries on 3 to 4-ft. bushes in August. Often bear 2nd year! A beauty in the yard—covered with blush blossoms in spring, bright red fruit in fall. See front cover. 2-yr. Plants: 2 for \$2.25, 4 for \$3.95, all postpaid. FREE: Pollinator plant with each order.

NEW NANKING CHERRY

A "beauty shrub" for your lawn that bears great crops of fine cherries! Fruit is so abundant it takes but a few minutes to pick a quart or two in your own yard for making fresh cherry pie or sparkling jelly.

The shapely bushes grow 7 ft. tall, work well into a planting about the house or shrub border. Apple-blossom pink buds appear very early and open to pure white. Nanking starts bearing 2nd year and by the 3rd season branches are literally covered with bright red fruit of superb quality for pies, preserves, jam or jelly. Order at least two plants to insure pollination. Prices below.

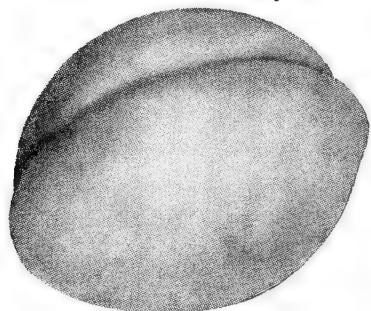
OKA CHERRY

A fine hardy hybrid cherry, with skin and flesh a rich purple-red color. The meat is firm, juicy and of superb flavor. The trees are immensely productive and fruit regularly. Should be grown in bush form as suggested for Sapa. For best results plant with Compass Pollinator Cherry or Hansen Bush Cherry. Prices below.

HANSEN'S BUSH CHERRY

Produces loads of deep red fruit very early. Makes finest jam. Stands severe drought. Ideal for hedges or foundation planting. A midget sensation in full bloom. Silver-green foliage turns red and gold in fall. Price: 2 to 3-ft. plants, 3 for 85c, not prepaid.

Two Hardy APRICOTS



← New Scout Apricot

A most surprising new fruit of the year! Although developed way up in Canada, it has a most delicious flavor, beautiful golden yellow color, large size, thin, tender skin, and it's "free stone"! Scout endures extreme cold and drought. Imagine such high quality fruit with such extreme hardness.

(Plant with Hansen Apricot to insure pollination.)

Hansen Apricot

A new hardy apricot—introduced by Professor Hansen of S. D. State College. Matures in the Northwest—is drought-resistant and produces good size yellow fruit of excellent flavor. It has stood 40° below zero. Makes excellent jam and is fine for canning. Plant with Scout to insure pollination.

PRUNES

MT. ROYAL BLUE PRUNE

Here's a new treat for Northwest fruit growers! The Mt. Royal Blue Prune has been tested by the Minnesota Fruit Breeding Farm and has proved perfectly hardy. It not only thrives in Minnesota, but bears early and abundantly! The blooms are self-pollinating so it requires no other variety to become fruitful. Enjoy the luxury of gathering these beautiful Royal Blue Prunes in your own back yard. They are unsurpassed for eating fresh or for canning. Color photo inside front cover. Prices below.

PRICES: CHERRIES - APRICOTS

STANDARD CHERRIES:	SIZE	1 to 3 EACH	4 to 11 EACH	12 or more EACH
Sapa	{ 3 to 5 ft.....	60c	55c	47c
Compass	{ 4 to 6 ft.....	70c	65c	57c
Oka and Opata	{ 5 to 7 ft.....	85c	80c	73c
NEW CHERRIES:				
Nanking	{ 2 to 3 ft.....	85c	80c	70c
	{ 3 to 4 ft.....	95c	90c	80c
	{ 4 to 5 ft.....	1.25	1.20	1.10
Korean and Hansen (see prices under descriptions above).				
APRICOTS:				
Scout.....	3 to 4 ft., 90c; 4-5 ft.,	\$1.25 Each		
Hansen.....	3 to 4 ft., 75c; 4-5 ft.,	.98 Each		

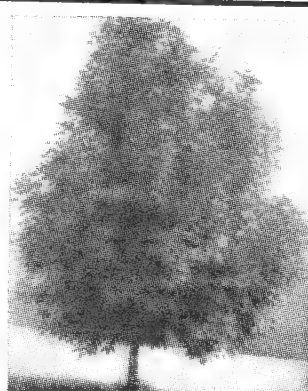
PRICES: PLUMS - PRUNES

STANDARD PLUMS:	SIZE	1 to 3 EACH	4 to 11 EACH	12 or more EACH
Superior	{ 3 to 5 ft.....	65c	60c	53c
Underwood	{ 4 to 6 ft.....	70c	65c	57c
Kaga and Ember	{ 5 to 7 ft.....	85c	80c	73c
NEW PLUMS:				
New Redcoat	{ 3 to 5 ft.....	75c	70c	63c
New Pipestone	{ 4 to 6 ft.....	80c	75c	67c
Sugar Plum	{ 5 to 7 ft.....	95c	90c	83c
PRUNES:				
Mt. Royal Blue	{ 2 to 3 ft.....	75c	70c	63c
	{ 3 to 4 ft.....	80c	75c	67c
	{ 4 to 5 ft.....	95c	90c	83c

Add 15c for Packing Cost on Nursery Orders if Less than \$1.00.



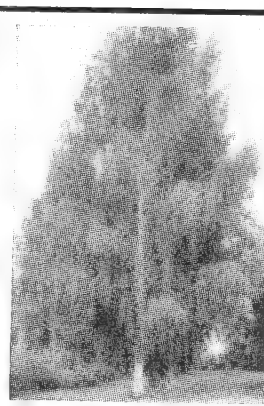
Red Schwedler Maple
5-6 ft. Trees, \$1.75 Each



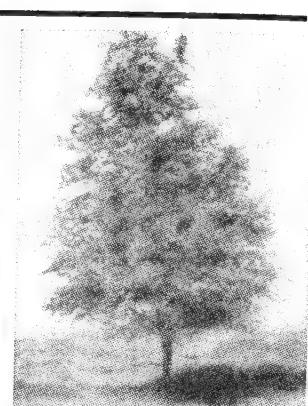
Hard or Sugar Maple
5-6 ft. Trees, 95c Each



Lombardy Poplar—SPECIAL:
5 Trees—4-5 ft.; \$1.00 by Exp.



Cut Leaf Birch
5-6 ft. Trees, \$2.35 Each



Chinese Elm—SPECIAL:
Large 8-10 ft. Trees, \$1.50 Each

Shade and Ornamental Trees Improve Your Property - (No Priority Restrictions)

Maples

HARD OR SUGAR MAPLE—The very finest in stately beauty and permanence for lawn and boulevard. Gorgeous foliage, especially in autumn when leaves turn to clear yellow and scarlet.

SILVER OR SOFT MAPLE—A rapid grower for quick effect. Leaves appear in early spring, are bright green in color with lower side silvery.

NORWAY MAPLE—Popular for its attractive dome shaped head. Grows to large size, with deep green foliage which turns yellow in autumn.

RED SCHWEDLER MAPLE—Striking purplish-crimson leaves, turning bronze-green in midsummer. Shaped like Norway Maple—a thing of beauty in the yard!

Ash

MOUNTAIN ASH, EUROPEAN—Very showy lawn tree with its white flowers followed by large clusters of bright orange berries, in autumn. Beautiful dark green foliage.

Basswood

AMERICAN LINDEN (BASSWOOD)—A rapid grower and perfectly hardy. Grows in pyramidal form, has large leaves and fragrant flowers.

Walnut

BLACK WALNUT—Large, well shaped, majestic shade trees. Valuable for lawn planting, and for its timber and choice nuts.



American Elm—grandest of all shade trees. Large 8-10 ft. trees, \$1.50 each. Smaller sizes listed at right.

CHINESE ELM, SIBERIAN STRAIN

—The fastest growing shade, ornamental or windbreak tree. Very hardy—resistant to drought and extreme temperatures. Attains a height of 60 ft., and girth of 12 ft. or more.

AMERICAN ELM—The most popular hardy native tree. Grows tall, graceful and spreading. Very hardy. Grandest of all permanent lawn and boulevard trees.

FLOWERING CRABS

for Sensational Beauty
in your yard!

(See color photo on page 39)

NEW FLAME—A sensational new Minnesota development, resembling a great flame of fire when fruiting due to high color of the ripe fruit which is excellent for jelly and canning. In bloom, Flame is breath taking! Crab-apple-pink blossoms in great profusion.

HOPA (ROSE PINK)—A most beautiful Flowering Crab. Ideal for the North. Blood-red buds, followed by a profusion of large, single, deep rose blossoms, which remain longer than others. Fruit makes fine jelly.

RED SILVER—Red from top to bottom, in leaf, blossom and fruit! Delicate silver under leaves. Reddest blooms of any crab. It's striking! (See Color Photo Page 39.)

NEW CHINESE FLOWERING CRAB—Introduced from the Mountains of Manchuria. The hardiest flowering crab known. Resistant to disease, cold and drought. One of the first to bloom in spring. Carries great loads of blooms that are more delicate, more graceful than other ornamental crabs.

PRICES ON FLOWERING CRABS:

4 to 6 ft. trees: 95c each, 2 for \$1.75
5 to 7 ft. trees: \$1.25 each, 2 for \$2.35
(By Express-Not Prepaid)

Poplars

LOMBARDY POPLAR—Forms a tall, slim, symmetrical column, tapering to a pointed top. Ideal for landscape effect and screen planting—a rapid grower.

BOLLEANA POPLAR—Similar in form to Lombardy, but the rich green leaves are silver white beneath, and shimmer when turned by breeze. Beautiful, smooth grey-green bark.

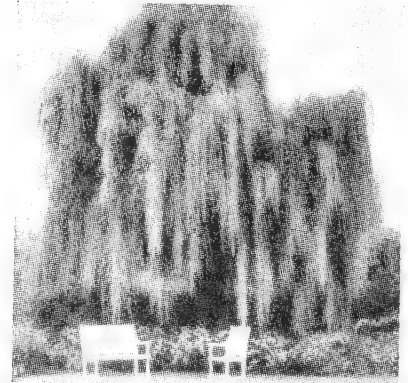
Birch

CUT LEAF WEeping BIRCH—Admired for its delicately cut foliage on graceful drooping branches, and silvery white bark! Best in moist locations.

WHITE BIRCH—A graceful tree with silvery white bark. Most effective when planted in clumps among evergreens.

Willow

NIOBE WEeping WILLOW—Graceful drooping form—lovely golden bark, and silver lined foliage. Very hardy.



Niobe Weeping Willow. 6-8 ft. Trees, 95c Each

PRICES ON LAWN AND BOULEVARD TREES

Prices are not prepaid—Trees are shipped Express or Freight

Shipped Express or Freight									
5 to 6 ft.			6 to 8 ft.		5 to 6 ft.			6 to 8 ft.	
MAPLES:	Each	Two	Each	Two		Each	Two	Each	Two
Hard Maple.....	\$0.95	\$1.75	\$1.45	\$2.75	ELMS:				
Norway Maple.....			1.50	2.85	American.....	\$0.75	\$1.35	\$0.95	\$1.75
Schwedler Maple.....	1.75	3.25	2.00	3.85	Chinese.....	.65	1.20	.90	1.65
Soft Maple.....	.95	1.75	1.25	2.35	POPLARS:				
					Lombardy.....	.65	1.15	.85	1.55
MOUNTAIN ASH.....	1.25	2.35	1.75	3.00	Bolleana.....	1.25	2.35	1.50	2.85
					BIRCH:				
BASSWOOD.....	1.25	2.35	1.75	3.00	Cut Leaf.....	2.35	4.55	2.95	5.75
					White.....	1.25	2.35	1.75	3.00
BLACK WALNUT.....	.95	1.75	1.25	2.35	NIOBE WILLOW.....	.75	1.35	.95	1.75

★ ★ ★ Plant a Hardy Hedge this year ★ ★ ★

CHINESE HEDGEWOOD

Extremely hardy, drought resistant and a quick, compact grower. Covered with small, bright green foliage from early spring until late fall. Forms a dense screen. Can be trimmed to any height desired.

BUCKTHORN

A very hardy and dense tight ornamental hedge. Properly sheared will give a very formal effect.

CARAGANA

Numerous twiggy branches, covered with bright green fern-like leaves. A supreme hedge plant for severe climates, poor soil and dry locations. Can be pruned to any desired height.

SPIREA BRIDAL WREATH

Most popular flowering hedge. The graceful, drooping sprays are ideal for growing untrimmed.

BARBERRY THUNBERGI

Makes a neat, low boundary. Can be trimmed or grown naturally. Foliage turns to brilliant crimson in fall; branches are covered with scarlet berries.

NEW WAXLEAF HEDGEWOOD

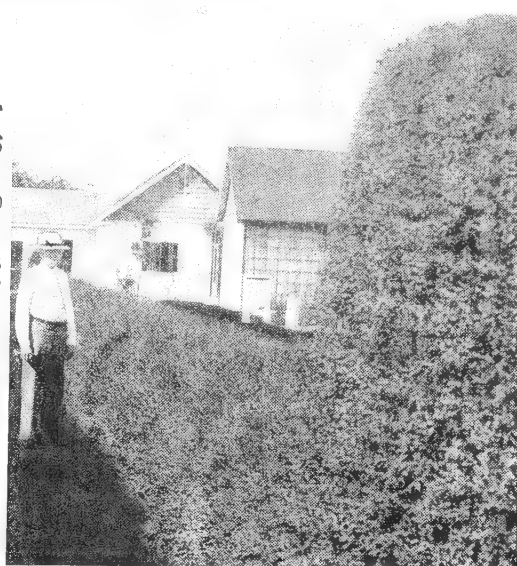
A new hardy hedge plant with beautiful dark green glossy foliage. White flowers in spring—black berries in fall. May be trimmed to any shape or height desired. It's hardy, dependable, provides beauty and quick effect.

50 Plants
Make a 50 Foot Hedge
(Set plants 1 ft. apart for thick hedge.)

PRICES ON HEDGE PLANTS

(Shipped Express, F. O. B. Faribault.)

Size	10	50	100
CHINESE HEDGEWOOD			
18-24 in. Transplants.....	\$1.10	\$3.65	\$ 5.85
2-3 ft. Transplants.....	2.35	6.95	11.75
BRIDAL WREATH SPIREA			
2-3 ft. Transplants.....	\$2.35	\$6.95	\$11.75
BUCKTHORN OR CARAGANA			
12-18 in. Seedlings.....	\$1.10	\$3.65	\$ 5.85
18-24 in. Transplants.....	1.25	4.25	6.95
2-3 ft. Transplants.....	2.35	6.95	11.75
BARBERRY THUNBERGI			
12-18 in. Seedlings.....	\$1.10	\$3.65	\$ 5.85
18-24 in. Transplants.....	2.25	7.75	14.00
WAXLEAF HEDGEWOOD			
12-18 in. Transplants.....	\$2.35	\$6.95	\$11.75



Chinese Hedgewood makes low, formal hedge or a high screen hedge. Can be trimmed to any desired height.

★ ★ ★ Save Money on Windbreak Trees ★ ★ ★

We offer hardiest recommended varieties for the Northwest. Plant two to five rows for real effectiveness. Plant 6 feet apart in rows 8 feet apart. Cultivate first two years if possible.

AMERICAN ELM CHINESE ELM GREEN ASH

Size	50	100	200	500	1000
6-12 in. Prepaid.....					\$ 7.25
12-18 in. Prepaid.....	\$1.25	\$ 2.10	\$ 3.55	\$ 7.45	11.95
18-24 in. Not Ppd.....	1.35	2.45	4.20	8.75	13.85
2-3 ft. Not Ppd.....	1.75	3.15	5.40	11.25	17.85
3-4 ft. Not Ppd.....	2.95	5.25	8.95	18.75	29.85
4-5 ft. Not Ppd.....	3.55	6.25	10.75	22.45	35.85

CARAGANA

12-18 in. Prepaid.....	\$1.95	\$ 3.45	\$ 5.95	\$12.45	\$19.85
18-24 in. Not Ppd.....	2.35	4.20	7.20	14.85	23.85
2-3 ft. Not Ppd.....	2.95	5.25	8.95	18.75	29.85

SOFT MAPLE

6-12 in. Prepaid.....					\$ 7.25
12-18 in. Prepaid.....	\$1.25	\$ 2.10	\$ 3.55	\$ 7.45	11.95
18-24 in. Not Ppd.....	1.55	2.65	4.65	9.85	15.85
2-3 ft. Not Ppd.....	2.95	5.25	8.95	18.75	29.85
3-4 ft. Not Ppd.....	3.95	6.95	11.85	24.85	39.85

RUSSIAN OLIVE

6-12 in. Prepaid.....	\$1.25	\$ 2.10	\$ 3.55	\$ 7.45	\$11.95
12-18 in. Prepaid.....	1.55	2.65	4.65	9.85	15.85
18-24 in. Not Ppd.....	2.55	4.55	7.65	16.25	25.85

BLACK WALNUT

18-24 in. Not Ppd.....	\$4.35	\$ 7.65	\$13.20	\$27.45	\$43.85
2-3 ft. Not Ppd.....	6.85	12.25	20.85	43.65	69.85

RUSSIAN GOLDEN WILLOW

2-3 ft. Not Ppd.....	\$3.55	\$ 6.25	\$10.75	\$22.45	\$35.85
3-4 ft. Not Ppd.....	4.35	7.65	13.20	27.45	43.85

GIANT SIZE SPECIAL

25 GREEN ASH 25 CHINESE ELM
25 AMERICAN ELM 25 GOLDEN WILLOW

100 TREES
3 to 4 ft.
(VALUE \$7.59)
ONLY \$5.45

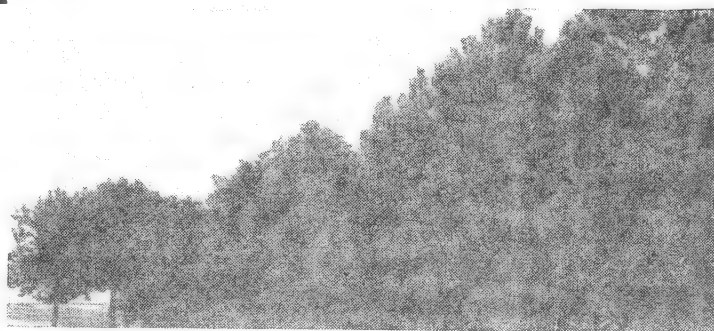
SHIPPED BY
EXPRESS
OR
FREIGHT
F. O. B.
FARIBAULT

100 TREES
4 to 5 ft.
(VALUE \$8.69)
ONLY \$6.45

BLACK HILLS PINE

(Ponderosa)

An
Ideal
Drought-
Resistant
Windbreak



Evergreen Windbreak Bargains!

Size	10	25	50	100
COLORADO BLUE SPRUCE				
9-12 in. Transplants. Prepaid.....	\$3.25	\$ 6.35	\$10.65	\$19.85
12-15 in. Transplants. Not Prepaid.....	3.75	7.50	13.50	24.50
15-18 in. Transplants. Not Prepaid.....	3.95	7.95	14.75	27.50
15-18 in. Transplants Extra Heavy. Not Prepaid.....	4.95	9.85	18.50	35.00
BLACK HILLS SPRUCE				
9-12 in. Transplants. Prepaid.....	\$3.25	\$ 6.35	\$10.65	\$19.85
12-15 in. Transplants. Not Prepaid.....	3.50	6.85	12.25	22.50
15-18 in. Transplants. Not Prepaid.....	3.75	7.50	13.50	24.50
PONDEROSA (Black Hills Pine)				
6-9 in. 2-yr. Seedlings. Prepaid.....				\$ 6.65
9-12 in. Transplants. Prepaid.....	\$3.75	\$ 7.50	\$13.50	24.50
12-15 in. Transplants. Not Prepaid.....	5.35	10.65	19.85	38.50
15-18 in. Transplants. Not Prepaid.....	6.25	12.50	23.50	44.50
CANADIAN WHITE SPRUCE				
9-12 in. Transplants. Prepaid.....	\$1.95	\$ 3.85	\$ 6.50	\$11.00
12-15 in. Transplants. Not Prepaid.....	2.15	4.25	7.25	12.50
15-18 in. Transplants. Not Prepaid.....	2.45	4.85	8.45	14.85
18-24 in. Transplants. Not Prepaid.....	3.25	6.35	10.65	19.85
AMERICAN ARBORVITAE				
4-6 in. 2-yr. Seedlings. Prepaid.....				\$ 6.65
12-18 in. Transplants. Not Prepaid.....	\$3.50	\$ 6.85	\$12.25	22.50
18-24 in. Transplants. Not Prepaid.....	6.50	12.45	22.25	42.50
24-30 in. Transplants. Not Prepaid.....	9.85	19.85	38.50	74.50

**FARM
Windbreak
SPECIAL**

50 GREEN ASH
50 AMERICAN ELM
50 CHINESE ELM
50 SOFT MAPLE

200 TREES
18 to 24 in.
(VALUE \$5.40)
ONLY \$4.25

200 TREES
2 to 3 ft.
(VALUE \$7.00)
ONLY \$5.45

All
Not
ppd.

★ ★ ★ EVERGREENS for Year 'round Beauty

EVERGREEN PRICES

See Color Photos and Special Offers—Page 79. Plants quoted B&B are Balled & Burlapped. We guarantee stock to arrive in good live condition. All adjustments are made in accordance with our Fair Play Guarantee, page 30.

Prices are F. O. B. Faribault

Bare root specimens are shipped Express with roots thoroughly puddled in mud and well packed in wet moss. If Junior Size is wanted with ball of earth, add 50c each, and shipment goes freight not prepaid. Balled & Burlapped specimens are all shipped Freight.

PYRAMIDAL ARBORVITAE		MASTER SIZES	
JUNIOR SIZE		Balled & Burlpd.	
Size	Each	Size	Each
18-24 in.	\$1.15	2-3 ft. B&B	\$3.15
		3-4 ft. B&B	5.95

AMERICAN ARBORVITAE		MASTER SIZES	
Size	Each	Size	Each
18-24 in.	\$1.15	2-3 ft. B&B	\$2.65
		3-4 ft. B&B	3.35

SILVER CEDAR		MASTER SIZES	
Size	Each	Size	Each
18-24 in.	\$1.15	2-3 ft. B&B	\$2.75
		3-4 ft. B&B	5.25

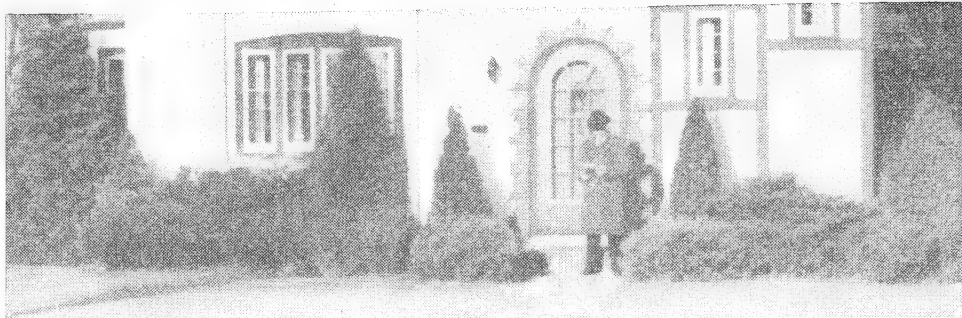
PFITZER JUNIPER		MASTER SIZES	
Size	Each	Size	Each
12-15 in.	\$1.15	12-15 in. B&B	\$2.50
		15-18 in. B&B	2.85

SAVIN JUNIPER		MASTER SIZES	
Size	Each	Size	Each
12-15 in.	\$0.95	12-15 in. B&B	\$2.25
		12-18 in. B&B	2.65

DWARF MUGHO PINE		MASTER SIZES	
Size	Each	Size	Each
12-15 in.	\$1.95	12-15 in. B&B	\$3.00
		15-18 in. B&B	3.50

COLORADO BLUE SPRUCE		MASTER SIZES	
(Medium Blue)			
Size	Each	Size	Each
12-15 in.	\$1.65	12-15 in. B&B	\$2.85
15-18 in.	2.45	15-18 in. B&B	3.35
		3-4 ft. B&B	6.35

COLORADO BLUE SPRUCE SHINERS		MASTER SIZES	
(Bare Root)			
Size	Each	Size	Each
12-15 in.	\$3.25	12-15 in. B&B	\$3.25
15-18 in.	3.75	15-18 in. B&B	3.75
18-24 in.	4.95	18-24 in. B&B	4.95



Evergreens for Foundation Planting

Special Entrance and Corner Planting Collections—Page 79

UPRIGHT TYPES

PYRAMIDAL ARBORVITAE — Can be used close to the house or walk. Most effective in groups or pairs when used for ornamental planting. Compact and of natural pyramidal form.

AMERICAN ARBORVITAE (White Cedar). Will thrive in most any situation—is suitable for ornamental planting, hedging or windbreak. Develops a compact, graceful pyramid. Easily controlled by trimming.

SILVER CEDAR — Forms a narrow compact symmetrical pyramid of light silver—so decorative, especially for entrance planting. Can be trimmed as desired and will attain a height of 12 to 15 feet if untrimmed.

LOW GROWING TYPES

PFITZER JUNIPER — Has spreading branches, handsome gray-green foliage—hardy everywhere and one of the most popular Junipers. Grows 3-4 ft. tall—thrives in shade or sunshine.

SAVIN JUNIPER — Beautiful trailing Juniper—favorite of all landscape planters. Has dark green tufted foliage, covering dense spreading branches. Extremely hardy—can be trimmed as desired.

DWARF MUGHO PINE — Dwarf, bushy, compact. Ideal for foreground position. Dark, rich green, long, stiff needles.

The Finest For Lawn or Group Planting

SPRUCE, COLORADO MEDIUM BLUE (Picea pungens.) Develops a broad pyramid thickly studded with branches clear to the ground, covered with heavy lustrous foliage of varying tones—sometimes deep green, again touched with silver, while others have a decided blue tinge. All grown from seed gathered from select Blue Shiners, but do not show blue until 18 to 24 inches high.

SPRUCE, COLORADO BLUE SHINERS (Picea pungens glauca). The "Extra Blue" trees—trees of magnificent form, as their thick branches climb in even layers from a broad base to a tapering crown, with heavy, lustrous foliage reflecting the most glorious silver and blue tones. Well rooted, heavy specimens, three times transplanted.



★ ★ The Finest in LILACS

FRENCH HYBRID LILACS

French Lilacs bear larger flowers and bigger, heavier trusses of bloom than those of the common Lilac. They are gorgeous in coloring, very free-flowering, and have delightful fragrance.

ALPHONSE LAVALLE. Double. Opens an intense blue, changing to a beautiful shade of lavender as the florets develop.

CHARLES JOLY. Double. Deep wine-red. The large trusses are held erect, well above the foliage.

MADAME LEMOINE. Double. Pure white, without a tinge of cream. Panicles large, long, erect.

PRESIDENT GREY. Double. Clear delicate light blue. Immense panicles, very symmetrical.

PERSIAN LILAC

True Rothomagensis—Deep Pink

Truly beautiful planted by themselves or in foundation plantings. Makes the finest of all flowering screen hedges for the north. Presents a breath-taking sight in full bloom, in May. Eventual height, 10 ft. Bushes all grow even in height, graceful and well rounded with all blossoms on the outside.

VILLOSA LILAC

This is the Pink Flowering Lilac that comes into bloom when all other Lilacs are gone. Grows ten feet high. The large broad plume-like panicles are of a delicate pink color.

Three French Lilacs

- 1 Charles Joly—Red.
- 1 Madame Lemoine—White.
- 1 President Grey—Blue.

3-year size.

\$198

By Exp. notppd.

Same Collection

In 2-year size **\$1.78** ppd.

LILAC PRICES

- 2 Yr. Plants, 63c Each, ppd.
- 3 Yr. Plants, 73c Each, not ppd.

Hardy Everblooming ★ ★ ★ ROSES

PINK RADIANCE. Hybrid Tea. A brilliant carmine-pink with salmon-pink and yellow shadings at base of petals. Of vigorous heavy growth, producing its large, double flowers when many other varieties fail.

GENERAL JACQUEMINOT. Hybrid Perpetual. Scarlet-crimson buds, opening to clear red flowers of moderate size and excellent shape. The standard red for years. Extremely hardy.

GRUSS AN TEPLITZ. Hybrid Tea. Color, richest scarlet, shading to velvety crimson. Very fragrant. A free, strong grower and continuous bloomer. An ideal garden rose succeeding under the most ordinary conditions.

HARRISON'S YELLOW. The best hardy yellow-flowering bush rose. Completely covered with semi-double sparkling yellow blooms about the middle of May.

Prices of Above Roses
Two for \$1.25; Three for \$1.83
Prepaid to 4th Zone

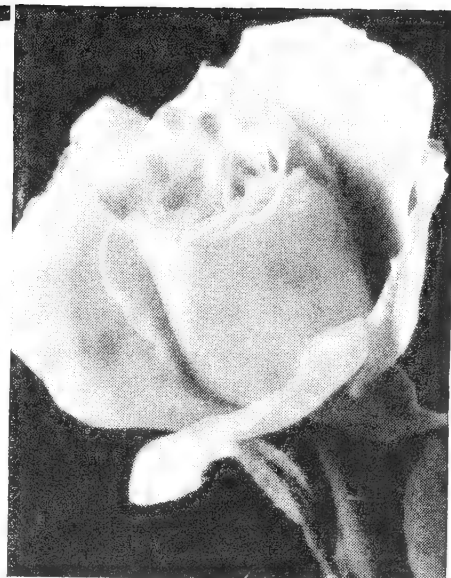


Amelia Gravereaux—a bright cerise-red Rugosa.

FRAU KARL DRUSCHKE. Hybrid Perpetual. This is the ideal hardy white rose. The snow-white, long buds are shaded pink, and open to immense, perfectly double flowers, often 4 inches across. Pure in color, perfect in form, strong grower and remarkably free flowering.

RED RADIANCE. Hybrid Tea. Large, globular double blooms of a clear brilliant red. A vigorous grower, with heavy canes and healthy foliage. One of the most dependable roses as it always blooms regardless of weather conditions.

TALISMAN. Hybrid Tea. Brilliant red and gold buds opening to well-shaped blooms of scarlet-orange and rich yellow. The finest of all garden roses for cutting. Constantly in bloom. The plant is strong and vigorous with healthy disease-resistant foliage.



Talisman—a brilliant orange-yellow and coppery-red combination.

Rugosa Roses

HANSA. Large double fragrant flowers of a rich wine-red color. Handsome dark green foliage. Sturdy and free flowering.

SIR THOMAS LIPTON. Fragrant, double white blooms in clusters. Early and free flowering.

AMELIA GRAVEREAUX. Double fragrant flowers of bright cerise-red. One of the finest Hybrid Rugosas.

F. J. GROOTENDORST. Produces full clusters of small semi-double roses of a bright crimson; resembles the Crimson Baby Rambler. Always in bloom.

Prices of Above Rugosa Roses
Two for 98c, Three for \$1.45
Prepaid to 4th Zone

A New Rugosa Hybrid

DR. ECKENER. Large semi-double flowers of coppery rose and golden yellow. Very fragrant. New and unusual, it is really a Hybrid Tea flower on a Rugosa plant—the Talisman of the Rugosas. Price: Same as other Rugosas.

Five Hardy Roses

One of Each	Hansa (Rugosa)	\$ 2.10 Ppd.
	Grootendorst (Rugosa)	
	Sir Thomas Lipton (Rugosa)	
	Dorothy Perkins (Climbing)	
	Excelsa (Climbing)	

Climbing Roses

EXCELSA. The Improved "Crimson Rambler." Immense clusters of double crimson blooms. A beautiful, vigorous and dependable climber.

DOROTHY PERKINS. Soft shell-pink, flowering profusely in large clusters. Very fragrant and lasting.

FLOWER OF FAIRFIELD. Also known as the "Everblooming Crimson Rambler." Bears large clusters of beautiful crimson blooms.

GARDENIA. Early. Yellow. Of vigorous growth and splendid foliage. Bright yellow buds open to creamy white flowers, delightfully fragrant. Blooms better on old wood.

PAUL'S SCARLET CLIMBER. Most brilliant of all roses. Color, a vivid scarlet; flowers semi-double, produced in clusters on much-branched canes.

Prices of Above Climbing Roses
Two for 78c; Three for \$1.10
Prepaid to 4th Zone

Winter Care of Climbing Roses—

Lay canes of Climbing Roses on the ground, and cover with 6 inches of earth and straw or leaves. Do not remove covering until all danger of freezing is past in spring.

Ornamental Vines

If wanted by Parcel Post add 10c for 2 Vines, and 20c for postage on 4 Vines

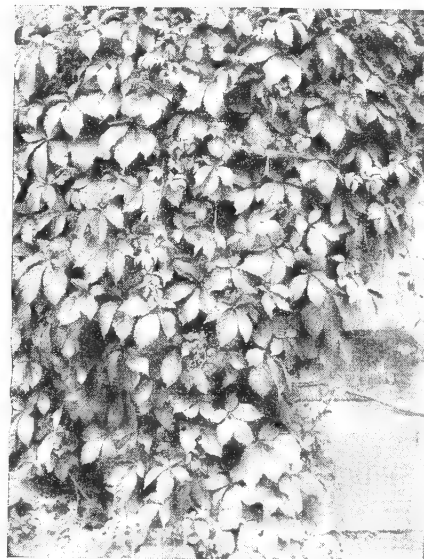
BITTERSWEET (*Celastrus scandens*). A rapid-growing, hardy native climber, prized for its large clusters of beautiful orange-red berries, which remain all winter. Fine for winter bouquets. Bittersweet comes in both sex plants, male and female. To insure getting berries, three vines should be planted. 2-yr. vines, 2 for 55c, 4 vines for 95c, not prepaid.

CLEMATIS JACKMANI. The popular large-flowering clematis with gorgeous flowers of velvety purple-violet. Produces its flowers on new wood growth and must be cut back severely each spring. Requires winter protection. 2-yr. vines, 75c each; 2 vines for \$1.40, not prepaid.

CLEMATIS PANICULATA. Excellent flowering vine for covering porches and arbors. In late summer it forms a dense sheet of fragrant, white starry flowers. 2-yr. vines, 2 for 60c, not prepaid.

SCARLET TRUMPET HONEYSUCKLE. Handsome twining vine which can be used to cover fences, embankments or lattices. Produces a steady succession of bright scarlet, tubular flowers. 2-yr. vines, 2 for 55c, 4 vines for 95c, not prepaid.

GOLDFLAME HONEYSUCKLE. Immense, showy clusters of trumpet-shaped buds and fragrant blooms. Outside of petals brilliant flame-pink, inside, creamy golden-yellow. Dark glossy foliage adds to its charm. Plants can be sheared to form a hedge, or allowed to grow naturally as a vine or shrub. Blooms freely from early spring to heavy frost. 2-yr. plants, 75c each; 2 plants for \$1.40, not prepaid.



ENGELMAN'S IVY

(*Ampelopsis Engelmanni*)

Produces dense, clean foliage which turns to intense scarlet in fall. Clings without support to stone, brick or stucco. Absolutely hardy; withstands heat and drought. 2 for 55c, 4 vines for 95c, not prepaid.



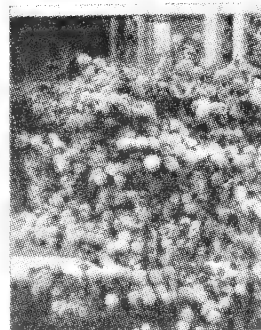
Weigela, 53c.



Bridal Wreath, 43c.



Forsythia, 43c.



Hydrangea Snowhill, 53c.



Spirea A. Waterer, 43c.

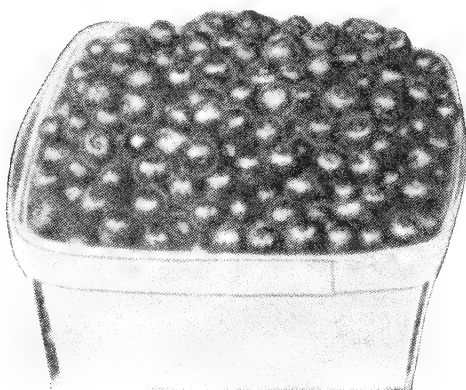


Hydrangea Snowhill.

2 Handsome Lawn Shrubs Provide Valuable Fruit

CRANBERRY, HIGHBUSH. L. Attractive tall, flowering shrubs with white blooms followed by huge clusters of bright red berries which hang on way into winter. A beautiful lawn ornament! The berries make delicious jelly that looks and tastes exactly like that of the Cranberry one buys at the grocery! (See color photo opposite page.)

JUNE BERRY. M. Fruit resembles in every way the delicious Blueberry. Looks like it, tastes like it, makes luscious pies and sauce like it. BUT—you can grow Juneberry quickly and easily. No special care or soil conditioning. Super-hardy, fast-growing, thrives in any soil! Its beautiful white blossoms, its red berries which turn blue when ripe, make this plant highly ornamental as well as useful. Order at least 2 plants to insure setting of fruit.



Juneberries.

★ ★ ★ Hardy Flowering Shrubs

SHRUBS OF BRILLIANT BEAUTY to Enhance Your Home

See Color illustrations on
opposite page

BARBERRY, RED LEAF. D. Rich bronze-red leaves that hold their color all summer. A bright contrast to other shrubs. Plant in full sunlight.

HYDRANGEA, LARGE FLOWERING (Paniculata Grandiflora). M. Produces enormous panicles of pure white flowers, which change to pink and bronze in fall; often cut for winter house decoration.

HYDRANGEA SNOWHILL (Arborescens). M. Large white snowball-like flowers from July to frost. Likes partial shade.

MAYDAY TREE. Brought by Professor Hansen from The Imperial Gardens of Russia. Large bush literally covered with white bloom. Flowers even before Bridal Wreath.

MOCK ORANGE, DOUBLE FLOWERING (Virginal). L. Magnificent new variety with large creamy-white, fragrant double flowers. In full bloom in spring, followed by occasional flowers all season.

PURPLE LEAF BUSH CHERRY (Cistena). M. Its purple foliage produces a fine color effect, a striking contrast in shrub plantings.

ROSE TREE OF CHINA (Prunus Triloba). M. A great attraction in early spring when every branch is completely covered with clusters of large double pink, rose-like flowers.

SNOWBALL. Old-Fashioned Favorite. L. Covered with pure white "snowballs" in early spring. Grows in full sun or partial shade.

TAMARIX. Lace Tree. L. Striking and unusual with feathery foliage and open clusters of small pink flowers at end of branches in June and July.

WEIGELA (Floribunda.) M. Of spreading habit, with slender branches well covered with crimson trumpet-shaped flowers in July.

POPULAR SHRUBS FOR QUICK EFFECT

BARBERRY (Thunbergi). D. Its low spreading growth forms a dense bush. Scarlet and bronze in fall, studded with brilliant red berries.

COTONEASTER (Quince Berry). M. A neat clean shrub with small rounded leaves, dark green and glossy. Inconspicuous pink flowers followed by black fruit.

DOGWOOD, RED-TWIGGED (Cornus). L. Bright coral-red branches make this sturdy shrub attractive in all seasons.

FORSYTHIA (Golden Bell). L. A graceful ornamental shrub with brilliant golden yellow bell-shaped flowers in early spring.

GOLDEN ELDER. L. A handsome, wide-spreading shrub with bright yellow leaves all season. The color is more intense when planted in a sunny position.

HONEYSUCKLE, RED BUSH (Lonicera Tartarica Rosea). L. Delicately shaped rose-pink flowers followed by bright red berries. Thrive in sun or shade. Makes ideal tall screen hedge along back boundary of lot to screen off any undesirable view.

MOCK ORANGE (Philadelphus Coronarius). L. A splendid, tall ornamental shrub. Clusters of large white flowers, delightfully fragrant.

— THE BEST IN SPIREAS! —

SPIREA (Dwarf Red) **ANTHONY WATERER.** D. A low bush with erect stems 3-4 ft. high. Rosy-crimson flowers in flat-top clusters all summer.

SPIREA (Dwarf Pink) **FROEBELI.** D. Very fine, dwarf shrub, covered from July to September with a mass of bright rose-pink flowers.

SPIREA (Pink Summer) **BILLARDI.** M. Plume-like flowers of delicate rose-pink at end of branches in July and August.

SPIREA (Snow Garland) **ARGUTA.** M. Graceful and attractive all season, with long light green leaves. A profusion of dainty white blossoms in May.

SPIREA (Bridal Wreath) **VAN HOUTTEI.** M. Graceful, arching branches completely covered with tiny snow-white flowers in late May.

PRICES ON ALL SHRUBS LISTED ABOVE:

STANDARD 3 Yr. PLANTS

53c each, 2 for 98c

LARGE 4 Yr. PLANTS

63c each, 2 for \$1.15

Shipped Express, not prepaid

PRICES ON ABOVE SHRUBS:

3 Yr. Size: 43c each, 2 for 79c

4 Yr. Size: 53c each, 2 for 98c

Shipped Express, not prepaid

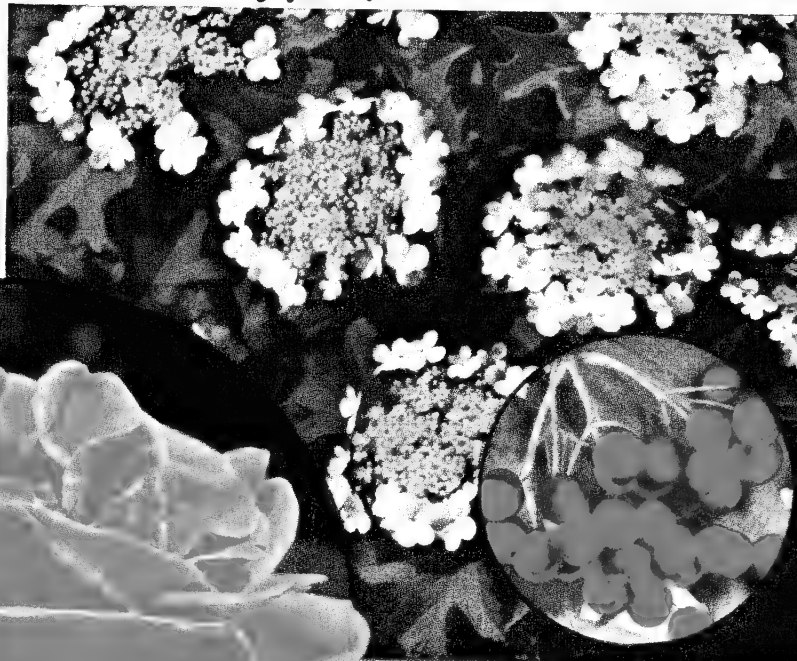
Trees & Shrubs to Beautify Your Home



RED SILVER CRAB

A remarkable Flowering Crab! RFD from top to bottom—red bark, red buds, red blossoms, red leaves—with undersides silver. The reddest blooms of any crab—really red, not pink. A striking lawn tree all season.

4-6 ft. trees, each 95c; 5-7 ft. trees, each \$1.25 nppd.



HIGH BUSH CRANBERRY

Attractive, tall, flowering lawn shrub, provides valuable fruit. Huge clusters of bright red berries hang on way into winter. Make delicious jell that looks and tastes exactly like jell from grocery cranberries.

SPECIAL: 3 plants (Mailing size) postpaid \$1.00



DR. ECKENER RUGOSA ROSE

The Talisman of the Rugosas! Large semi-double blooms of coppery rose and golden yellow. Very fragrant—extra hardy—needs no winter cover.

Two yr. Field grown plants: 2 for 98c; 3 for \$1.45 nppd.

← ROSE TREE OF CHINA

In spring every branch covered with clusters of large double, rose-like flowers, just like Flowering Almond but plant is hardier.

2 Plants (3 yr.) 98c; 2 Plants (4 yr.) \$1.15 nppd.

RED SCHWEDLER MAPLE

Most beautiful lawn tree with gleaming purple-red leaves in spring, later turning to a beautiful bronze-green—very hardy and ornamental.

5-6 ft. Trees \$1.75 each

6-8 ft. Trees \$2.00 each nppd. →



HOME LANDSCAPE COLLECTION

The best hardy dependable flowering shrubs for foundation or landscape planting. Enhance your home many times this small cost in a short time.

- A-1 Red Honeysuckle
- E-1 Spirea Dwarf Pink
- B-1 Hydrangea Snowhill
- D-1 Spirea Bridal Wreath
- F-1 Forsythia-Golden Bell
- C-1 Hydrangea P. G.
- G-1 Double Mock Orange
- H-1 Persian Lilac

All 8 Shrubs

4-year size
(Value \$4.74)

For Only **\$3.95**

Not Prepaid
By Exp.

8 Shrubs—one of each
3 year size
(Value \$3.95)

\$3.25 Not Ppd.
By Exp.

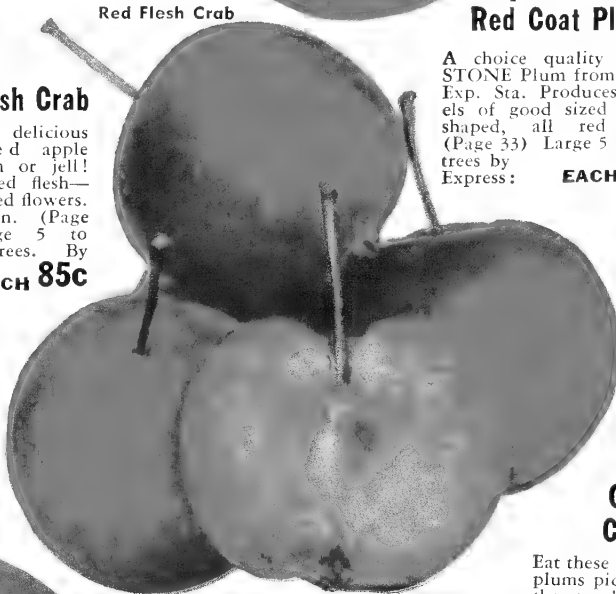


Fredonia Grapes

Fredonia Grapes The earliest top quality black Grape. 3 weeks earlier than Concord! Hardy and prolific. (Page 31) Heavy 2 yr. plants postpaid to 4th zone: **3 for \$1.00**

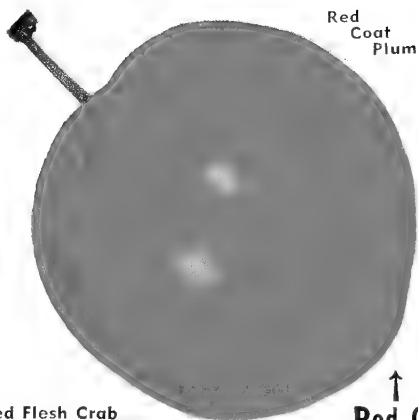
Red Flesh Crab

Makes delicious bright red apple sauce, jam or jelly! Striking red flesh—red skin, red flowers. A sensation. (Page 32) Large 5 to 7 ft. trees. By Express: **EACH 85c**



Red Flesh Crab

Red Coat Plum



↑ New Red Coat Plum

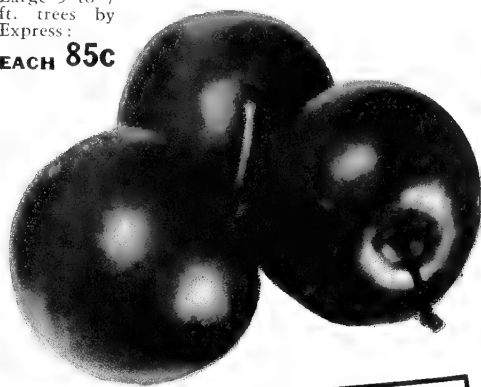
A choice quality FREE-STONE Plum from Minn. Exp. Sta. Produces bushels of good sized prune-shaped, all red fruit. (Page 33) Large 5 to 7 ft. trees by Express: **EACH 95c**

FRUIT TREES are offered here in large deluxe, quick-bearing sizes (5 to 7 ft.)

Smaller Sizes at lower Prices on Pages 32, 33.

Opata Cherry

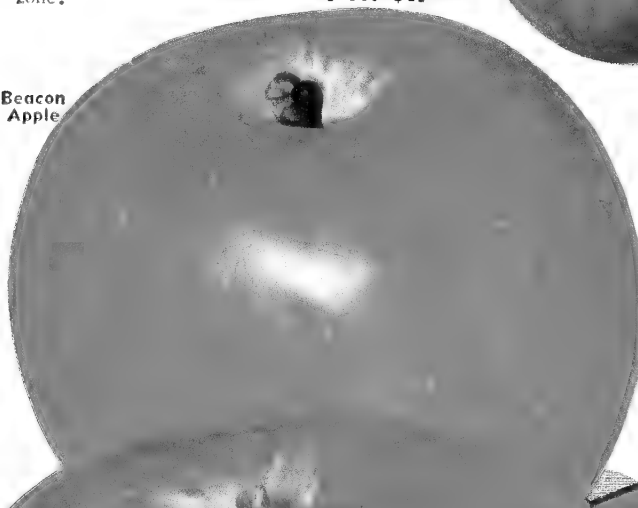
Eat these luscious cherry-plums picked fresh from the tree! Often bears loads of flavorful fruit second year. (Page 33) Large 5 to 7 ft. trees by Express: **EACH 85c**



Indian Summer Raspb

You get TWO crops of quality, raspberries each luscious fruit in season, they're off the market, highest prices. (Page 33) Heavy 2 yr. plants, postpaid to 4th zone: **3 for \$1.00**

Beacon Apple



New Beacon Apple Best of all early fall eating Apples. Tops in flavor, all red, ripens with Duchess. (Page 32) Large 5 to 7 ft. trees by Express: **EACH 85c**

New Prairie Spy Apple Minnesota's newest! An extra long keeping Apple that really has splendid eating quality. Nothing finer! (Page 32) Large 5 to 7 ft. trees by Express: **EACH 85c**

New Minjon Apple A "MINNESOTA JONATHAN" Extra hardy, bears heavy loads of brilliant, all red, superb quality fruit. Ripens with wealth. (Page 32) Large 5 to 7 ft. trees by Express: **EACH 85c**

New Prairie Spy

Minjon

MODERN ORCHARD SPECIAL

- 3** BEACON (Finest New Summer & Early Fall Apple)
- 3** HARALSON (Winter Apple—Most popular of all)
- 3** PRAIRIE SPY (Winter Apple—quality surpasses all others)
- 1** WHITNEY, Crab Apple

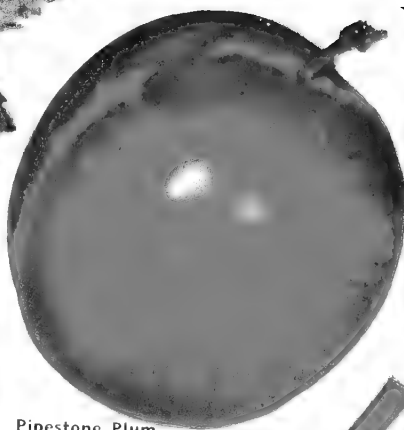
10 Trees all 5 to 7 ft. (Value \$8.10) **ONLY \$6.25**

10 Trees all 4 to 6 ft. (Value \$7.10) **ONLY \$5.95**

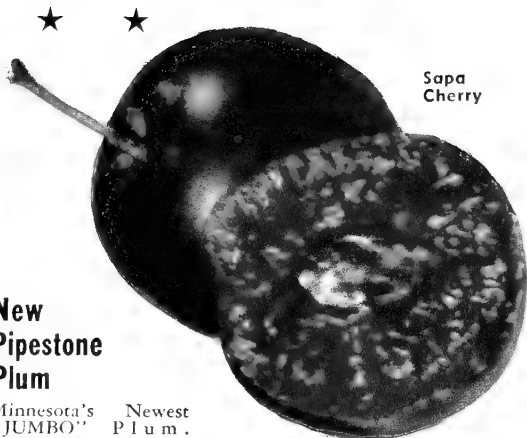
By. Exp. Not Ppd.



**Indian Summer
Everbearing
Raspberry**



Pipestone Plum



**Sapa
Cherry**

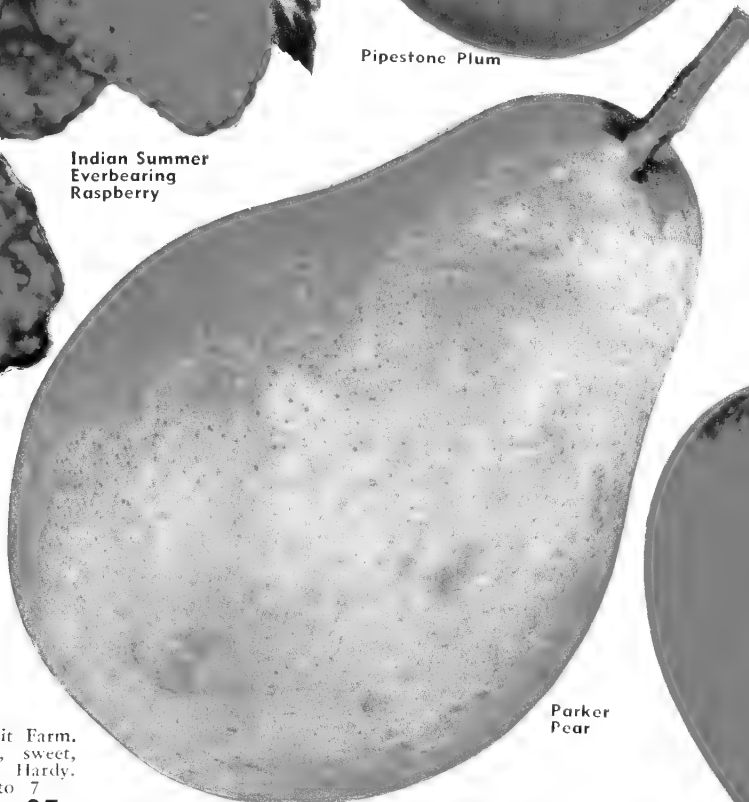
**New
Pipestone
Plum**

Minnesota's Newest
"JUMBO" Plum.
Largest of all! Early,
productive, very at-
tractive, juicy and de-
licious. Excellent for
canning! (Page 33)
Large 5 to 7 ft. trees
by Express: **EACH 95c**

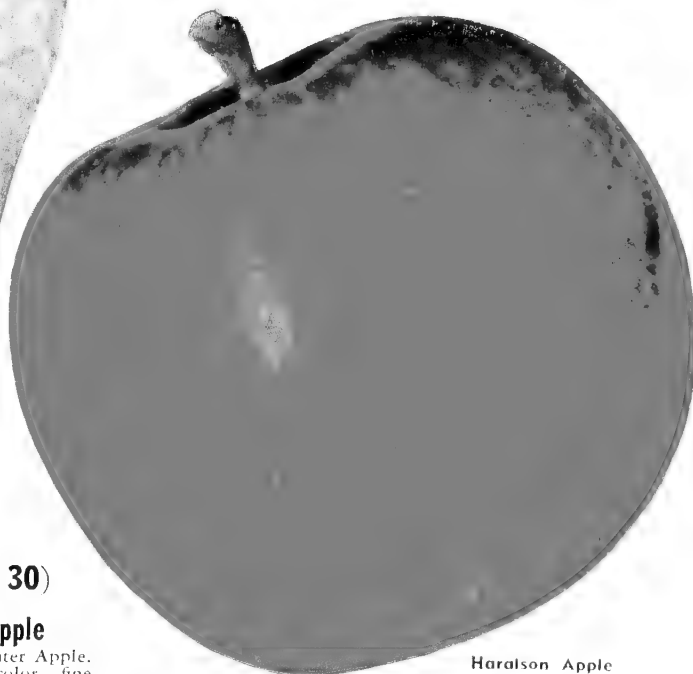
Sapa Cherry Large,
Hardy
Hybrid Cherries with de-
licious wine-red flesh. (Page
33) Large 5 to 7 ft. trees
by Express: **EACH 85c**

**Everbearing
Cherry**

Large, conical, super
year! Enjoy this
and again long after
Then they'll bring
(Page 31) Large 5
and: **12 for \$1.25**



**Parker
Pear**



Haralson Apple

★ ★ ★ → (FREE GIFTS-page 30)

Parker Pear

From Minn. State Fruit Farm.
Fruit is fine grained, sweet,
juicy and delicious. Hardy.
(Page 32) Large 5 to 7
ft. trees by Express: **EACH 95c**

New Minn. 638 Apple

Acclaimed the "Winter
Wealthy." Handsomely colored,
finest quality. Hangs to tree in
high winds. Dependable crop-
per. (Page 32) Large 5 to 7
ft. trees by Express: **EACH 85c**

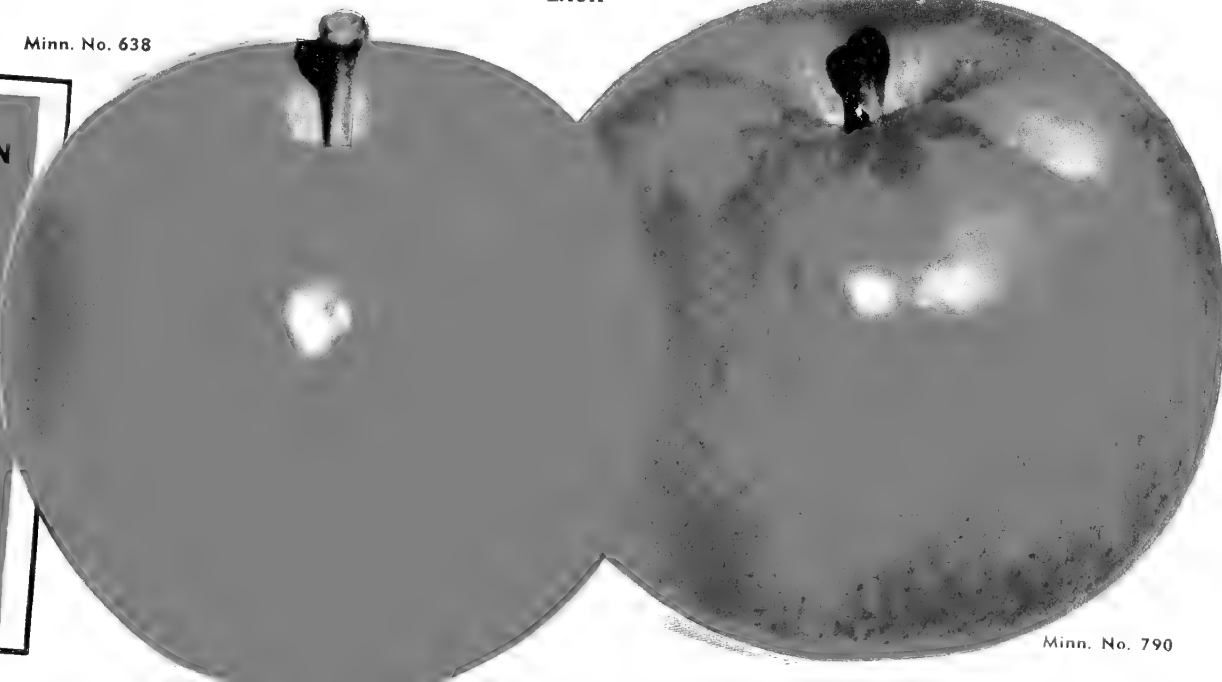
New Minn. 790 Apple

Larger, hardier and better than
Roman Beauty. It's the ideal
baker! (Page 32) Large 5 to 7
ft. trees by Express: **EACH 85c**

Red Haralson Apple

Minnesota's prize winter Apple.
Large fruits, high color, fine
flavor and best keeper of all.
(Page 32) Large 5 to 7
ft. trees by Express: **EACH 75c**

Minn. No. 638



Minn. No. 790

**SPECIAL NEW
APPLE COLLECTION**

- 1 MINJON, "A Minne-
sota Jonathan"
- 1 MINN. NO. 638, "A
Winter Wealthy"
- 1 MINN. NO. 993, "A
Minnesota Delicious"
- 1 MINN. NO. 790, "A
Minnesota Rome Beauty"
- 1 PRAIRIE SPY, "Amer-
ica's Finest Apple"
- 1 RED FLESH CRAB, "Ex-
cellent for Canning and
Jell"

6 Trees all 5-7 ft.
(Value \$5.10) ONLY
\$4.35

6 Trees all 4-6 ft.
(Value \$4.50) ONLY
\$3.85

By Exp. Not Ppd.

**CARNATION
Crimson King**

A Hardy Carnation for Your Garden

The large, fragrant flowers of dazzling crimson are borne on stiff, stocky stems, long enough for cutting. Bloom profusely in June, continuing until heavy frost.

3 for 90c, ppd.

COLORFUL PERENNIALS

BUDDLEIA

(Summer Lilac)

The long, graceful flower spikes are excellent to use in cut flower arrangements.

ELEANOR—Eleanor-blue, with an orange eye.

CHARMING—A lovely shade of lavender-pink.

DUBONNET—Rich, glowing wine-red.

50c Each

3 for \$1.25, ppd.

HARDY PHLOX

CHIEFTAIN—Brilliant cherry-red

E. I. FARRINGTON—Salmon-pink

LILLIAN—Cameo-pink, with faint blue eye

RUBY LEE—New Rich violet-blue

TIGRESS—Vivid, flaming orange-scarlet

40c each

5 for \$1.25, ppd.

SCABIOSA (House Hybrids)

A famous English strain of extra large flowered blue shades. Long stems, ideal for cutting. In bloom from spring to frost.

3 for \$1.00, ppd.

TROLLIUS "Golden Queen"

Large, globular golden-orange flowers on 2-foot stems. Plants prefer a rich mellow soil that retains moisture.

3 for \$1.00, ppd.

PENTSTEMON "Garnet"

This new strain has large Gloxinia-like flowers of rich garnet-red. Plants grow 18 inches tall, and send us a continuous succession of new sprouts all summer.

3 for \$1.00, ppd.

CAMPANULA Blue Spire New Double Peachbell

Large, lavender-blue, very double flowers on 2-foot stems, with many side shoots to flower later.

3 for \$1.25, ppd.

Newest Exhibition Gladioli

Ten Giant Glads

BAGDAD. A giant smoky salmon-rose, blending to terra cotta throat. Tall and vigorous.

COMMANDER KOEHL. Massive dark red with glossy triangular blooms of heavy substance.

DREAM O'BEAUTY. Giant American Beauty rose-red. A favorite because of its vivid coloring.

GOLDEN POPPY. The richest, deepest-toned yellow gladiolus.

KING ARTHUR. Heavily ruffled deep lavender. One of the finest early Glads.

MARGARET FULTON. Beautiful rich salmon of distinctive clean-cut form. A wonderful cut flower.

ORANGE PRINCESS. Ruffled salmon-orange with small crimson feather in throat.

PHYLLIS McQUISTON. An excellent all-around pure pink, without markings.

PICARDY. A lavishly beautiful rich apricot-salmon. Huge spikes with immense florets of waxy substance. Picardy is the ideal Glad.

WASAGA. Lovely pure apricot with edges of florets nicely frilled. A great favorite with florists.

Price any of above:
Each 7c; dozen 60c, prepaid.

Six Prize Winners

ALADDIN. Brilliant scarlet-salmon with cream throat blotch. Attractively ruffled.

ISOLA BELLA. Exquisite light blue-lavender. Entirely different from any other Lavender.

KING LEAR. Rich velvety red-purple of immense size and wonderful ruffling.

MARGARET BEATON. Snowy white lit up by a spark of vermilion pink deep in throat.

NEW ERA. A gorgeously frilled pure light pink with ivory throat. Petals of heavy texture.

REWI FALLU. Very deep red with huge bell-like florets of great substance.

Price any of above:
Each 12c; dozen \$1.20, prepaid.

Special—One each of above Prize Winners for 65c, p.p.d.

Twelve Aristocrats

BEACON. Vivid scarlet with a large creamy yellow throat blotch. A wonderful cut flower.

BLUE BEAUTY. Large light blue, suffused violet-blue. Very beautiful in bouquets.

COLOSSUS. Salmon pink of huge size, with small red throat blotch.

DR. C. HOEG. The richest of all maroons. No Glad surpasses it in sheen.

GOLDEN CHIMES. Lovely soft yellow, heavily ruffled.

HERITAGE. Huge deep pink, with white throat.

IRAK. Clear silvery gray with a satin sheen. One of the finest novelties.

JALNA. Terra cotta striped slate with nicely ruffled florets. The best "striped" Glad.

ROSA VAN LIMA. Cool light pink with slightly marked white throat.

SHIRLEY TEMPLE. Heavily ruffled cream flowers with deeper cream throat.

SMILING MAESTRO. Deep salmon-rose, flaked darker rose.

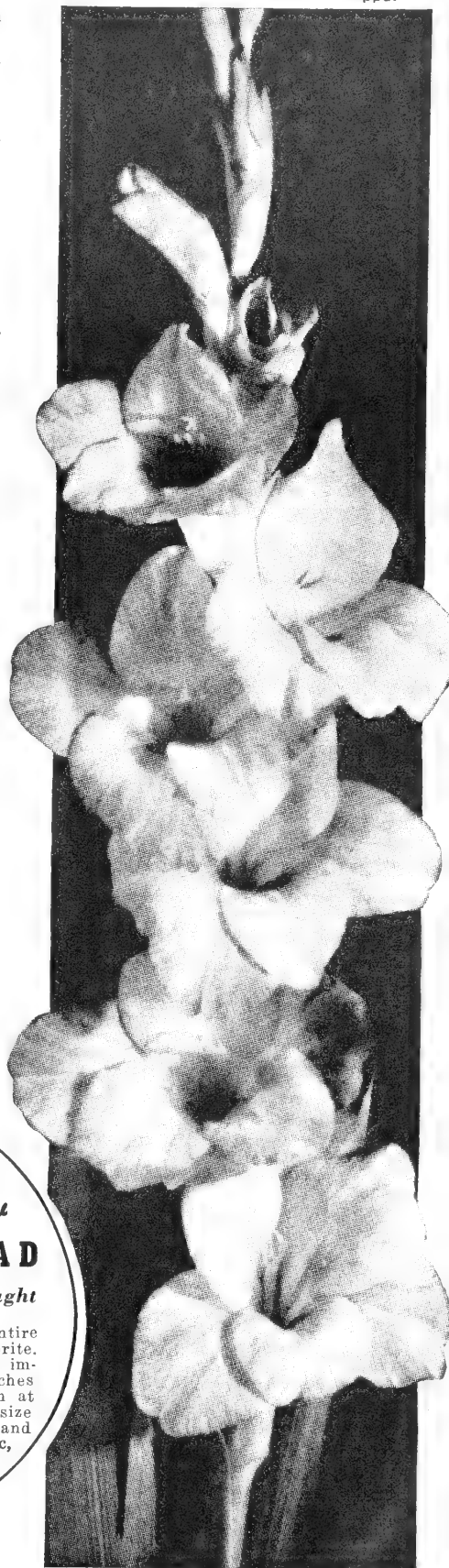
VAGABOND PRINCE. Rich russet-red, throat ruby-red.

Price any of above
Twelve Aristocrats:
Each 8c; doz. 75c,
prepaid.

"Flare"
Sensational New
FIRE-RED GLAD
Withstands Heat and Drought

We have secured the entire stock of this brand new favorite. Flashing fiery scarlet, with immense wide-open florets, five inches across and with six or more open at one time. A spike of maximum size is equal to Picardy—tall, straight and vigorous. Each 15c, 6 for 80c, doz., \$1.50, prepaid.

Each 15c



"Twist-Ems" THE HANDY PLANT TIE

Use them for plants, shrubs, vines and arranging of flowers. Deep green in color, blending with the foliage. Cannot break or loosen.

SEE... JUST A SIMPLE TWIST OF THE WRIST AND IT'S TIED...

4-in. Length
250 .35c
500 .60c
1,000 \$1.00

8-in. Length
250 .45c
500 .80c
1,000 \$1.50

All Prepaid

**For Sturdier Plants
and Larger Blooms**
**TREAT YOUR BULBS
WITH SEMESAN**
Just Before Planting

1. Remove the skins so that the corns are bare. (In doing this be careful not to injure the tips). Burn the skins.

2. Dissolve 1 1/3 ounces of Semesan in one gallon of water. Cover the bulbs with this liquid and let them stand for 7 hours. Plant immediately.

Price: 2 oz. can Semesan 40c, prepaid. Full directions with each package. For larger quantities, see page 17.

F. S. & N. Co's Rainbow Mixture

A superb combination of all colors, tints and shades, including many unusual colors. You will find that you have Glads not only for cutting but also for exhibition purposes.

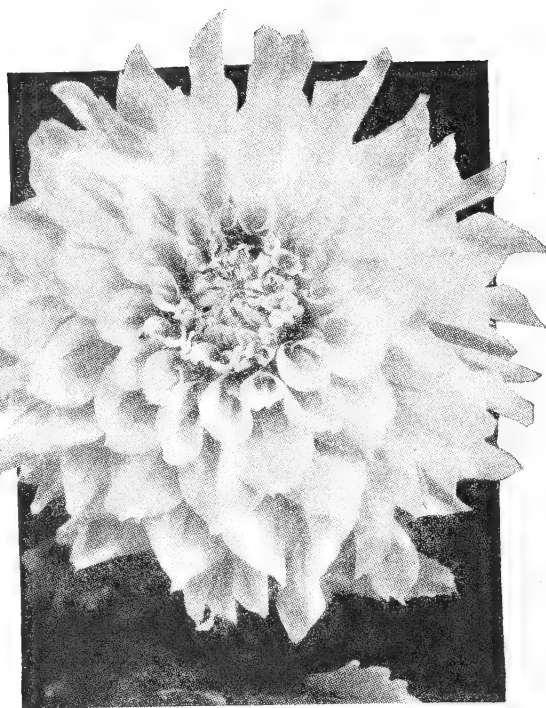
25 for \$1.00
50 for \$1.85
100 for \$3.50

Audel's Garden Books

AUDELS' GARDENERS' AND GROWERS' GUIDE—Four volumes, 1,700 pages, hundreds of illustrations. Tells how to prepare the soil, how to plant, grow and improve vegetables, fruits and flowers. Flexible art binding, \$5.35, prepaid. Circular free.

AUDELS' FLOWER EDUCATOR—Six hundred pages, hundreds of illustrations. Gives successful directions for planting and growing Annuals, Perennials, Bulbs, Shrubs and Fine Lawns. Invaluable to every gardener. Flexible art binding, \$1.50, prepaid.

To Have Glads for Cutting From Early July Until Frost Plant Every Two Weeks Until July 15th.



AVALON, a rich bright yellow Dahlia.

Lovely Miniature Dahlias

Easy To Grow — Require No Disbudding

They are "pocket-size" editions of their big brothers, and come in the same forms and types. The dwarf bushy plants average 2½ feet in height and require no staking or disbudding. They produce a constant supply of little Dahlias for cutting and garden decoration. *The more you cut them, the better they like it.*

BABY BEAUTY. (F.D.) A miniature Jersey's Beauty, with the same lovely rose-pink color, and strong, erect stems. Each 35c.

BABY ROYAL. (S.C.) Salmon-pink, shaded apricot and blending to yellow at the base of the petals. One of the finest miniatures. Each 30c.

ELIZABETH PAPE. (S.C.) Soft yellow, delicately shaded with salmon-pink. This Dahlia is much in demand by florists. Each 30c.

GERDA NEILSEN. (S.C.) Sensational new single, of showy orange-flame, with unusually long stems and good growing habits. Each 45c.

JEAN. (S.C.) Apricot-buff, suffused soft lilac-rose. Blooms freely and continuously from early August to frost. Each 45c.

MILDRED WHITESIDE. (F.D.) Unique and different in coloring, this miniature is amber-yellow, edged reddish violet. Each 30c.

ORCHID BEAUTY. (F.D.) Clear, bright orchid-lavender. Plants come into bloom early, and continue until frost. Each 40c.

RENE CAYEUX. (F.D.) A bright crimson miniature cactus. Blooms early and continuously. Each 45c.

PERSIMMON. (F.D.) This splendid new miniature, as the name implies, is a pure persimmon-red, and its brilliant beauty commands instant attention. Each 50c.

SALMON QUEEN. (F.D.) A pompon Dahlia of salmon-pink, shading to coral and gold. Each 30c.

Miniature Novelty Collection

One tuber each of these splendid new introductions:

Gerda Nielsen \$1.25
Rene Cayeux
Persimmon ppd.

Four Favorite Miniatures

One tuber each of:

Baby Royal
Mildred Whiteside \$1.10
Orchid Beauty
Salmon Queen ppd.

All Dahlias are Prepaid

Exhibition Dahlias

Key to Abbreviations: F.D., Formal Decorative; I.D., Informal Decorative; C., Cactus

ANDREAS HOFER. (C.) A lovely, delicate rose-pink with cream center. Very early and free flowering. Each 40c.

AVALON. (F.D.) Pure clear yellow. Ideal for cutting, and a wonderful keeper. Each 30c.

JERSEY'S BEAUTY. (F.D.) Still the most popular cut-flower variety grown. Large, deep flowers of perfect form. Color, true rose-pink. Each 30c.

MARGARET WOODROW WILSON. (I.D.) Face of petals delicate cameo-pink, with orchid reverse. Each 40c.

MISS BELGIUM. (C.) A foreign introduction of unusual merit, and a great favorite with florists. Flowers are an even bright orange, on perfect stems. Each 60c.

MISS ELSIE JANIS. (S.C.) The most artistic in form of any Dahlia we have ever seen. Shrimp-pink, with cream shadings at center, and tipped violet-rose. Long stems. Each 50c.

MRS. E. J. KIEKENAPP. (F.D.) A new introduction for 1943. An exquisite blending of shrimp-pink, coral, salmon and apricot. Early and free flowering. Named by our grower in honor of Mrs. Kiekenapp, wife of the president of Farmer Seed & Nursery Co. Each 60c.

RADIO. (F.D.) One of the largest Dahlias grown. Of deep "American Beauty" red, blending to yellow at center, and with yellow tips. Each 40c.

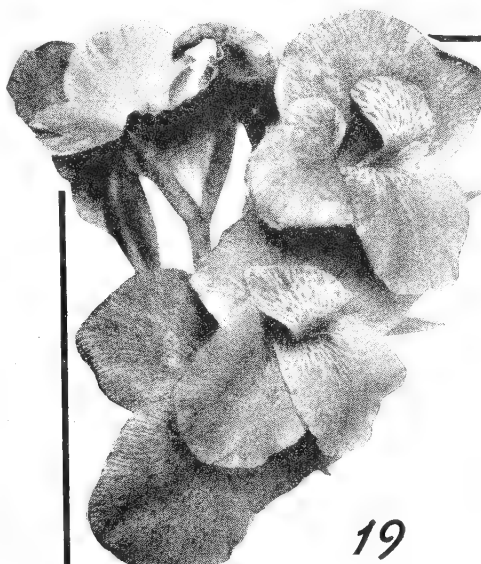
SANHICAN'S PEACH. (I.D.) A charming decorative, with oddly twisted petals. Golden bronze, shading to reddish salmon. Each 30c.

YANKEE KING. (F.D.) Rare and unusual in coloring. Mammoth flowers of reddish mahogany, on long stiff stems. Each 60c.

MRS. GEO. LE BOUTILLIER. (I.D.) A giant flower, outstanding in every way. Always exhibited in the "largest bloom" class, it has been shown 14½ inches in diameter. The color is a rich, velvety carmine-red. Stiff stems. Each 75c.

MIXED DAHLIAS. All types and forms. Our selection of colors. 3 for 75c, 6 for \$1.40.

Dahlias for bouquets should be cut very early in the morning, disbudded and stripped of lower foliage, put in a pail of water and set in a cool dark place for several hours. Then put stems in one inch of hot water (almost boiling) for 2 minutes. Remove and again place in deep cold water to cool. This treatment will keep blooms fresh.



19

Roots for \$1.35

We have become so accustomed to seeing Cannas in formal beds in parks that we feel they have no place in smaller plantings. However, the stately plants with their brilliant clusters of flowers hold their own when interplanted with shrubs or in bare spots in the perennial border. Try placing them in groups of three and let them highlight your garden this summer.

A round Canna bed seven feet in diameter requires 19 Cannas planted 18 inches apart each way. A 10-foot bed requires 37 plants.

Grow Cannas

For Their Richly Colored Flowers and Attractive Tropical Foliage

Planted among low-growing shrubs or in the perennial border they will provide a colorful summer display.

KING HUMBERT. 4 ft. Large trusses of orange-scarlet flowers. Foliage is bronze, very broad and handsome. A "Gold Medal" canna.

THE PRESIDENT. 4½ ft. Rich glowing scarlet flowers, 7 inches across, on strong, erect stalks. The foliage is green.

HUNGARIA. 3½ ft. The best pink canna. Leaves bluish-green, never burn. Trusses are compact and of enormous size.

YELLOW KING HUMBERT. 4 ft. Flowers a deep rich yellow, softly spotted and blotched with bright red. Foliage very dark green.

APRICOT. 4 ft. Color, buff-yellow over-spread with salmon-pink, producing a mass effect of rich apricot.

MRS. ALFRED F. CONRAD. 4 ft. Unsurpassed for planting either singly or in large beds. Foliage is green; flowers exquisite pink.

GOLDEN GATE. 4 ft. Color, pure golden yellow. Very rich and effective. Flowers of good size held well above the foliage.

Price, any of the above dormant roots,
3 for 30c, 6 for 50c, 12 for 90c,
25 for \$1.60, prepaid.

Hardy Garden Lilies

The hardy border is an ideal location for lilies, as they need sunshine on their tops and shade about their roots. The foliage of surrounding low shrubbery and plants provides shade and shows the flowers to best advantage.

CANADENSE LILY

Height 3-5 ft. Broad funnel-shaped drooping flowers, varying from yellow to orange; spotted inside. A graceful lily, splendid for naturalizing among perennials or low-growing shrubbery. Blooms in June and July. Each 30c, 3 for 80c, prepaid.

CANDLESTICK LILY (Umbellatum)

Height 2-3 ft. A showy, sun-loving variety that is easily grown. The large, orange-red flowers are held erect like widespread chalice, and are borne in great profusion in June. Each 25c, 3 for 65c, prepaid.

CORAL LILY (Tenuifolium)

Height 2 ft. A charming little lily for the border or rock garden. The brilliant coral-red flowers are borne in clusters of five to fifteen on slender stems. Foliage is finely cut and fern-like. Blooms in July. Each 25c, 3 for 60c, prepaid.

DOUBLE TIGER LILY (Tigrinum Flore Pleno)

Height 5 ft. Handsome, showy lilies of easy culture, producing an abundance of orange-scarlet flowers in August. Very hardy and vigorous. Each 30c, 3 for 80c, prepaid.

HENRYI (Golden Speciosum)

Height 4-6 ft. This beautiful golden-orange lily will produce as many as 20 flowers on a single plant. Thrives in even the most severe climate, in almost any soil and location. The bulbs should be planted 8 inches deep. Blooms in August and September. Each 25c, 3 for 65c, prepaid.

REGAL LILY (Regale)

Height 3-5 ft. The easiest of all lilies to grow, and the most beautiful of all the true trumpet-shaped varieties. The large flowers are ivory-white, shaded rose, with centers flushed yellow. The stems are sturdy and bear clusters of 2-8 fragrant flowers in June. Each 30c, 3 for 75c, prepaid.

SUNSET LILY (Pardalimum Giganteum)

Height 4-6 ft. Brilliant sunset-red, with base of flowers yellow, heavily spotted rich brown. The petals are somewhat recurving. Grown under ideal conditions, this lily will bear from 12 to 20 flowers on a 6-foot stem. Blooms in July. Each 45c, 3 for \$1.20, prepaid.

TURK'S CAP LILY (Superbum)

Height 3-8 ft. The most magnificent and showy of the native North American species. This splendid lily produces from 1-40 flowers of brilliant orange-scarlet, shaded yellow, and spotted brown. Blooms in late July. Each 30c, 3 for 80c, prepaid.

BLACKBERRY LILY (Pardanthus)

Height 2-3 ft. A lovely old-fashioned flower for the hardy border. Belonging to the Iris Family, it has iris-like leaves and orange flowers, spotted black, followed by ornamental clusters of shining black seeds, resembling blackberries. Of easy culture in a rich sandy loam in full sunlight. Plant 6 inches apart. Blooms in June. Each 25c, 3 for 65c, postpaid.

Day Lilies on Page 46

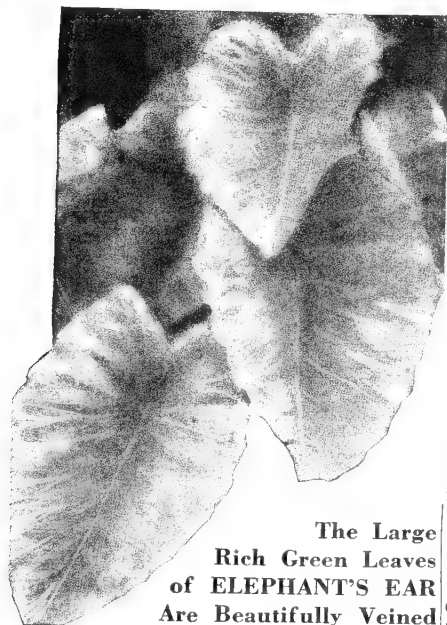


Regal Lilies—Most Beautiful and Hardest of All Lilies.

Hardy Lily Collection

One of Each for

CANDLESTICK		\$1.35 ppd. (Value \$1.70)
CORAL LILY		
DOUBLE TIGER		
CANADENSE LILY		
REGAL LILY		
TURK'S CAP		



The Large
Rich Green Leaves
of ELEPHANT'S EAR
Are Beautifully Veined

Oxalis

(Shamrock)

For Borders, Edgings, Pot-Plants
or Hanging Baskets

Grown as an edging, they produce an unbroken row of clover-like foliage about 1 foot high, and bloom continuously. The flowers are borne in clusters and come in red, white and pink. Mixed Colors Only, 12 for 35c, 24 for 60c, 50 for \$1.00, prepaid.

Miscellaneous Spring BULBS

CALLA LILIES

Height 18 in. Delightful and unusual summer-flowering bulbs, which produce beautiful trumpet-shaped flowers and an abundance of deep green, spear-shaped leaves, spotted with silvery white, which adds much to their beauty. Require partial shade and moist soil. Bulbs must be dug in fall and stored like gladiolus.

White Calla (Alba maculata) Each 35c, 3 for 85c, prepaid.
Golden Calla (Elliottiana) Each 40c, 3 for \$1.00, prepaid.

TUBEROSE

(DWARF DOUBLE PEARL)

Height 18 in. Dwarf, stocky plants, with spikes of pure white wax-like double flowers with a delicious fragrance. Bulbs planted in a sunny position in the garden in May, bloom in fall. If early flowers are wanted, bulbs may be started in pots in the house, and transplanted to the open ground in May. To preserve tubers over winter, they must be kept in a warm room, or the flower stem will rot, and the tubers never bloom. 3 for 35c, dozen \$1.20, prepaid.

ELEPHANT'S EAR

(CALADIUM ESCULENTUM)

One of the most effective foliage plants for beds or borders. Of gorgeous tropical appearance with rich green heart or shield-shaped leaves, often 4 ft. long and 2½ ft. wide. Can be planted with good effect as a border for Cannas. First Size Bulbs 2 for 65c, 6 for \$1.75, prepaid.

CINNAMON VINE

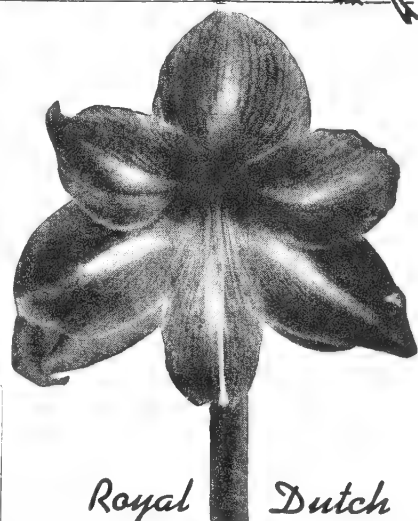
(DIOSCOREA BATATAS)

A beautiful climber—growing 30 ft. in a single season. Easily trained. It has glossy heart-shaped foliage and produces clusters of delicate white flowers, very fragrant. Especially hardy and will thrive anywhere. Strong roots each 25c, 3 for 60c, prepaid.

MADEIRA VINE

(CLIMBING MIGNONETTE)

Has small white feathery flowers; light green leaves, heart-shaped and is a rapid grower. Fine for arbor, trellis or summer houses. A free, constant bloomer—not hardy. Large bulbs 3 for 30c, dozen \$1.00, prepaid.



Royal Dutch
Amaryllis Hybrids

Most Gorgeous of All House Plants.

This is the finest race of Amaryllis in cultivation. The flowers are superbly shaped and of mammoth size, ranging in color from pure white grounds with varied markings of rose and crimson, to the richest self colors, as scarlet, orange-red and crimson.

5-year old bulbs—guaranteed to bloom.
Mammoth Royal Dutch Hybrids, Each
Mixed Colors Only—
3 for \$2.00

75c

If Interested in Bulbs for Fall Planting, such as Tulips, Hyacinths, Narcissi, etc., send for our Special Bulb Folder—ready September 15th.

From Our Perennial Plant Gardens

Aquilegia-Columbine

CRIMSON STAR. Sepals and spurs crimson, center petals white with yellow stamens.

CHRYSANTHA. Beautiful golden yellow flowers. Bloom for two months.

ROSE QUEEN. Shades of light to deep rose, with white center.

BLUE KING. Vivid blue flowers with extra-long spurs and yellow stamens.

SCOTT ELLIOTT LONG-SPURRED HYBRIDS. Very large flowers with long spurs. All colors, with pastel tones predominating.

Price any of above, 3 for 65c; 6 for \$1.10, prepaid.

Hardy Asters (3-4 ft.)

See Front Cover for Color Illustration.

ADORABLE. Beautiful salmon-pink.

AMETHYST. Large purple-blue flowers. Very double.

BEECHWOOD CHALLENGER. Brilliant crimson-red.

BLUE GOWN. Large showy lavender blue. Semi-double.

HARRINGTON'S PINK. A true deep rose-pink.

MT. RAINIER. Large pure white; yellow center.

STRAWBERRIES & CREAM. Buds open deep rose-pink, changing to soft pink as the flower develops.

SUNSET. The brightest pink Aster.

Price of Hardy Asters, 5 for \$1.50, ppd.

Dwarf Asters (1 ft.)

For Edging or Rock Gardens.

CONSTANCE. A delightful pure shell-pink.

LILAC TIME. Lovely soft lilac-blue flowers.

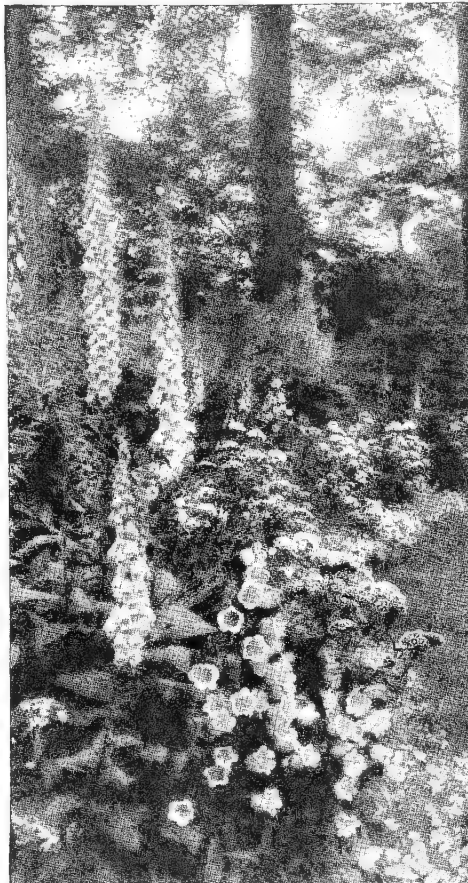
Price of Dwarf Asters, 3 for 75c, ppd.

Bleeding Hearts

BLEEDING HEART, Eximia. A dwarf-growing sort, with beautiful, fern-like foliage and showy racemes of pink flowers. Each 40c.

BLEEDING HEART, Spectabilis. 1½ ft. Long racemes of graceful heart-shaped pink flowers in May. Prefers shade. Each, 45c, prepaid.

Special—One of Each for 75c ppd.



A well-planned Perennial Border has flowers in bloom from early spring to frost

Baby's Breath (Gypsophila)

BODGERI. 2 ft. The very double flowers open pure white, changing to bluish-pink as they age. In bloom early, and continues until fall.

BRISTOL FAIRY. 3 ft. Early double-flow-ering pure white.

ROSY VEIL. A new dwarf pink double Baby's Breath that begins flowering two weeks earlier than other varieties.

OLDHAMIANA. 3 ft. A pink variety with fragrant pink flowers. Blooms in August.

PANICULATA. 3 ft. Forms a symmetrical mass of minute white flowers. Blooms in August.

Price, any of above: Each 35c, 3 for \$1.00, prepaid.

BUDDLEIAS—See Color Page 42.

CAMPANULA—See Color Page 42.

Delphiniums-Larkspur

GOLD MEDAL HYBRIDS. 4-5 ft. A beautiful strain, with colors ranging from pale lavender to indigo-blue; many double flowered. 4 for 85c, postpaid.

BELLADONNA. 3-4 ft. Clear turquoise-blue. Most continuous blooming of all. 3 for 60c, prepaid.

LAMARTINE. Sturdy, vigorous plants, 5 feet tall, free-flowering and disease-resistant. Flowers, rich deep blue with a pure white eye. 3 for 60c.

← Trollius Golden Queen

Beautiful globe-shaped orange flowers on 18-inch stems. Bloom in late June and July. 3 for \$1.00, ppd.

Hardy Phlox

See Color Illustration Page 42.

AFRICA. Brilliant carmine; darker eye.

CHIEFTAIN. A brilliant fiery red.

E. I. FARRINGTON. Beautiful salmon-pink.

LILLIAN. A lovely, large pure pink.

PAINTED LADY. Soft pink; cherry eye.

RHEINLANDER. Bright salmon-pink; red eye.

RUBY LEE. Rich, deep violet-blue.

TIGRESS. Flaming orange-red.

Price, any of above, 40c each, 5 for \$1.25, prepaid.

Creeping Phlox

APPLE BLOSSOM. An early bright pink.

ATROPURPUREA. Deep wine-red.

BLUE HILL. Showy blue flowers.

BRIGHTNESS. Rosy lavender-pink.

LILAKONIGEN. Deep lilac flowers.

MAESCHNEE. Pure white flowers.

MOERHEIMI. Fine carmine-pink.

Price of Creeping Phlox, 3 for 75c, prepaid.

Golden Day Lilies

(Hemerocallis)

One each of the following:

BAY STATE. 4 ft. Brilliant, glistening, deep yellow flowers with fluted petals. July.

GOLDENI. 3 ft. Deep golden orange. Blooms in July.

J. A. CRAWFORD. 4 ft. Rich apricot-yellow. Blooms late June and July.

THE GEM. 3½ ft. Deep orange-yellow. In full bloom June 20th. One of the finest.

THUNBERGI. (Lemon Lily.) 3 ft. Clear pale yellow. Very fragrant. Blooms in July.

5 for \$1.00 ppd.

Sweet-Scented Violas

ROSINA (Sweet Violet). Produces an abundance of fragrant, rose-pink flowers in spring and again in fall. 3 for 65c, prepaid.

ODORATA SEMPERFLORENS. Sweet-scented flowers of a pleasing shade of blue. Planted in a moist, half-shaded location, it blooms continuously. 3 for 75c, prepaid.

You Can Have Flowers in Bloom
From Spring to Fall if you plant

A Succession Collection

OF FLOWERING PLANTS

Early Iris (May Flowering)

Shasta Daisy (May - June)

Columbine (June)

Coralbell (June to Aug.)

Red Painted Daisy (June)

Hardy Phlox (July - Aug.)

Hardy Aster (Aug. - Sept.)

Hardy Mum (Sept. - Oct.)

One Each of
Above
(8
Plants) ppd.

Two Each of
Above
(16
Plants) ppd.

Our Selection of Named Varieties



Trollius—One of the choicest perennials for cutting

Hardy Garden Chrysanthemums

New Cushion Mums

SEPTEMBER GOLD. Brilliant golden-yellow blossoms, twenty-five or more to a spray, completely cover the shapely well-rounded plants. Each 60c.

SEPTEMBER CLOUD. Beautifully rounded blossoms of purest white, with primrose-yellow shading in center. Wonderful deep green foliage. Each 60c.

SEPTEMBER BRONZE. All the warm bronze tints of autumn are reflected in this shapely little pompon. Attractive uniform plants. Each 60c.

One each of above for \$1.50, prepaid.

Blaze-O-Mums

Covered with hundreds of pompon shaped blooms, the mound-like symmetrical plants grow only 1 ft. high, but spread to more than 2 ft. in diameter.

PINK - RED - WHITE
GOLDEN YELLOW - BRONZE

Your Choice Any Above Blaze-O-Mums: 3 for 75c, 5 for \$1.00, prepaid.

4 Summer Mums

In Bloom From August To Frost

CLARA CURTIS. Masses of rose-pink 3-inch single flowers—begins blooming in early August and continues until frost.

PYGMY GOLD. Small double pompon flowers of clear golden yellow completely cover the bush from August to frost.

DEAN KAY. This new summer Mum forms a bush 4 ft. in diameter, completely covered with semi-double bright pink flowers. Extremely hardy and prolific.

AUTUMN LIGHTS. Gleaming coppery-bronze, semi-double flowers cover the compact branchy plant from early fall to frost.

One each of above for \$1.15, prepaid

Headliners for 1943

PEACHBLOW. 2½ ft. A blending of salmon-pink, fawn and bronze. Husky, well-branched plants, producing an amazing quantity of 2½-inch blossoms, each with four rows of petals. Each 50c.

SILVER MOON. 2½ ft. A fragrant, gleaming white Chrysanthemum with a double row of milk-white petals and a yellow center. Unusually frost resistant. Each 50c.

ROSE GLOW. 2 ft. Lovely raspberry-rose blossoms with an opalescent sheen. Produced in great abundance, in branching sprays, the flowers have a spicy fragrance. Each 30c.

NANCY COPELAND. 2½ ft. Bright glowing spectrum-red. Large single flowers 3 to 4 inches across, on strong upright plants. Each 30c.

LOUISE SCHLING. 2½ ft. Glowing salmon-red, changing to salmon-bronze as the flower matures. Fully 3 inches across, with three or four rows of petals. Each 30c.

One Each of Above Headliners for \$1.65, prepaid.

Brilliant New Colors

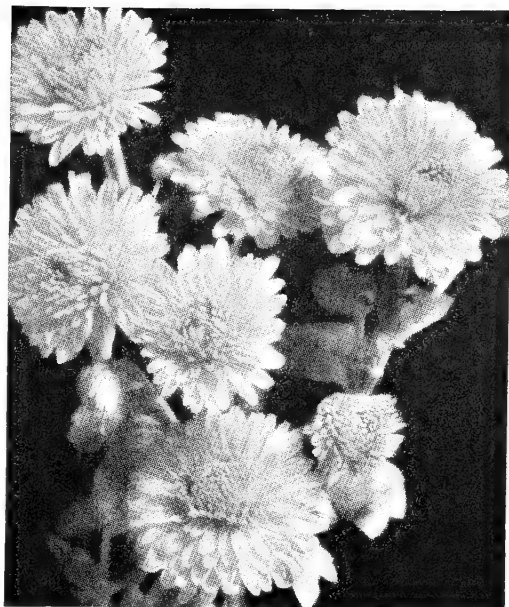
BURGUNDY. 2½ ft. Sweet-scented, double flowers of rich, cerise-crimson. Borne in large clusters on heavy sturdy stems, they are at their best in late September and early October. 3 for 75c, prepaid.

EUGENE A. WANDER. 2 ft. Huge, sparkling, golden yellow double flowers, perfect in form, completely cover the plant by the middle of September. 3 for \$1.25, prepaid.

GLEAM O'GOLD. 2 ft. A glistening primrose-yellow beauty. For a grand color effect, combine it with Burgundy and Mrs. Pierre DuPont. 3 for 60c, prepaid.

LAVENDER LADY. 2½ ft. Beautiful, fragrant flowers of soft, pure lavender, 3 inches across, fully double, borne in perfect branching sprays. Very hardy. In full bloom in early October. 3 for 90c, prepaid.

MRS. PIERRE S. DU PONT. 2½ ft. A beautiful blend of peach-pink, rosy salmon and fawn, with a luminous sheen. Large full, perfectly formed flowers, on excellent long stems. Early October. 3 for \$1.25, prepaid.



Lavender Lady—Rare and lovely in coloring—perfect in form

Six Extra-Early Mums

Produced by U. S. Dept. of Agriculture

Bred for early flowering, they are especially adapted to growing conditions in the Northwest, and bloom before danger of frost. All have been given Indian names. Plants bushy, 18 in. tall.

ALCONQUIN. Large brilliant double yellow.

GERONIMO. Fully double bronze.

MUSKOGEE. Semi-double purplish rose.

SEMINOLE. Double creamy white.

POHATCONG. Large double pale lavender.

OTSEGO. Double lavender and pink.

6 Plants, one of each, \$1.25

See New Minnesota Mums shown in color on Page 2.

Tall Bearded Iris

AMBASSADEUR. A combination of reddish-violet and velvety purple-maroon.

BUTO. Deep velvety purple. Rich and distinct.

CORONATION. Very fine deep yellow.

CORRIDA. Clear cornflower-blue. A late Iris.

DREAM. A uniform soft rose-pink.

MIDGARD. A wonderful blend of pink and yellow.

MORNING SPLENDOR. Massive, fragrant, red-purple.

PINK OPAL. Rich, pure pink on 3-ft. stems.

PLUIE D'OR. (Golden Rain.) Best yellow Iris.

TRUE CHARM. White with delicate blue-lavender margin.

WEDGEWOOD. An even tone of rich pottery-blue.

Price, any of above: 3 for 60c, prepaid.

Siberian Iris

Grow 3 to 4 ft. tall, with narrow grass-like foliage, attractive at all seasons. Try combining the flowers with Mock Orange Blossoms and Pink Peonies.

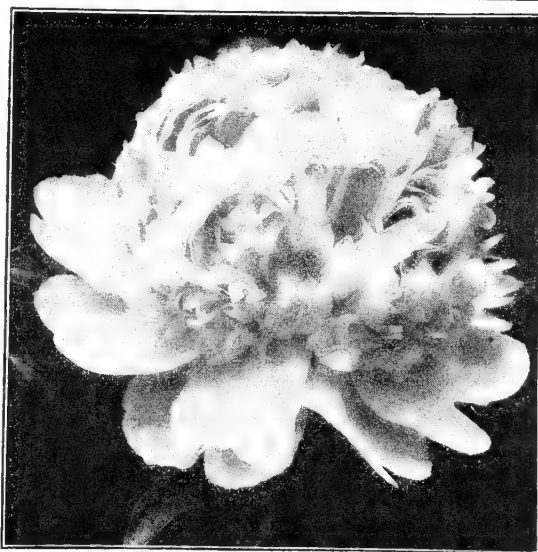
DRAGONFLY. The most intense blue. Long-lasting.

EMPEROR. Deep violet-blue of good texture.

SUNNYBROOK. A pleasing shade of Alice-blue.

SKYLARK. Dark blue. Tall and graceful.

Price of above, 3 for 60c, prepaid



Peony—"Sarah Bernhardt"

SARAH BERNHARDT. This is the ideal cut flower Peony. The color is a true apple-blossom pink, with each petal silver tipped. It is a late midseason variety, with a delicate fragrance. Each 75c, prepaid.

TOURANGELLE. Color, delicate pearly white, suffused with salmon and rose. A vigorous grower, bearing large high-built flowers with cupped centers. The coloring is unusual and superb. One of the latest to bloom. Each \$1.00, prepaid.

Gorgeous Peonies

Peonies are easily grown, and once established are practically everlasting. We supply strong, healthy roots—3 to 5-eye divisions.

Ask for Our Leaflet on Peony Culture

ALBERT CROUSSE. Beautiful, soft shell-pink, with narrow, compact petals. Fragrant. An outstanding late, midseason variety. Each 75c, prepaid.

EDULIS SUPERBA. A loose crown type flower, very large, of a beautiful deep pink. Sometimes opens for Decoration Day with us in Minnesota. Its earliness and general good qualities have made it very popular. Each 75c, prepaid.

KARL ROSENFELD. A brilliant and striking variety, coming into bloom early midseason. Flowers very large, semi-rose type, and slightly fragrant. Each 75c, prepaid.

LONGFELLOW. One of the most popular red Peonies, because of its distinct, fadeless color and general dependability, both for cutting and garden decoration. The bright crimson flowers are as striking in the field as in the show room. Early midseason. Each \$1.00, prepaid.

MONSIEUR DUPONT. Glistening ivory-white, with center petals bordered with carmine, and golden stamens mingled with the petals throughout the flower. Deliciously fragrant and a consistent bloomer. Late midseason. Each 75c, prepaid.

SOUVENIR DE LOUIS BIGOT. Bright rose, slightly tinged carmine at the base, changing to silvery salmon-pink as the flower matures. An unusually fine Peony. Blooms midseason to late. Each \$1.00, prepaid.

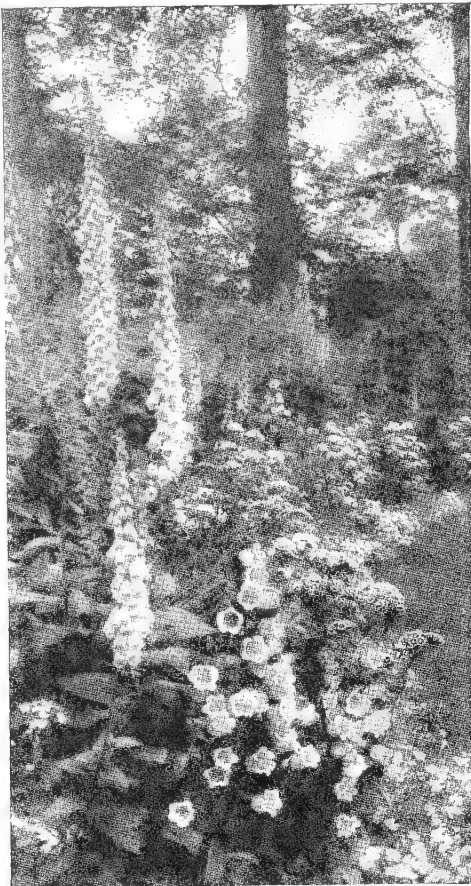
On Plant Orders Amounting to Less than \$1.00, add 15c for Packing.

FLOWER SEEDS

The World's Finest

All Flower Seeds are sent Postpaid in U. S. A. Please Order by Name and by Number

Tall → Fox-gloves with a border of Canterbury Bells



1943 All-America Winners

Shown in Color on Page 80.

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MARIGOLD, Dwarf French, Sunkist...	53
PETUNIA, Dwarf Single, English Violet	55

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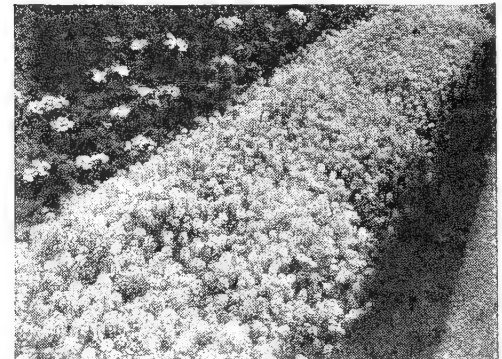
Sweet Alyssum

Most Popular of All Edgings

- 1031 **VIOLET QUEEN**. 4 in. A bright, deep violet that does not fade in hot weather. Blooms luxuriantly from early summer to frost.....Pkt. 20c
- 1032 **SNOWCAP**. The dwarfest and most compact variety. Plants form a dense cluster of snow-white flowers, with the objectionable green center entirely eliminated.....Pkt. 15c
- 1033 **LILAC QUEEN**. 6 in. Delicate lavender flowers. A pleasing contrast with the white variety...½ oz. 40c, pkt. 10c

ALYSSUM, Madwort (Perennial)

- 1034 **SAXATILE COMPACTUM**. "Basket of Gold." 9 in. A mass of golden yellow blooms in early spring when other flowers are scarce. Very effective as a border for tulips. The foliage is silver-gray.....¼ oz. 40c, pkt. 10c



ALYSSUM "SNOWCAP" commences to bloom when only one inch high and continues until frost.

ACHILLEA (Perennial)

- 1020 **THE PEARL**. 2 ft. Produces large clusters of double pure white flowers from spring until frost. Splendid for cutting. Easily grown from seed.....Pkt. 10c

ACROCLINIUM, Double Mixed (Annual)

- 1024 **EVERLASTING**. 20 in. Graceful daisy-like flowers which if cut just before they open, can be dried for winter bouquets.....Pkt. 10c

ADONIS, Red Chamomile (Annual)

- 1025 **AUTUMNALIS**. 2 ft. Dark green finely cut foliage and rich crimson-scarlet flowers with dark centers. Given a half shaded position and somewhat sandy soil, they will bloom freely all summer.....Pkt. 10c

ANCHUSA "Blue Bird" (Annual)

- 1040 Height 18-24 in. Bears large umbels of vivid, indigo-blue, Forget-Me-Not-like flowers in a luxuriant bouquet on tall stems from July to October. Effective in the garden or for cutting.....Pkt. 10c

AQUILEGIA or Columbine (Perennial)

- 1073 **DOBBIE'S IMPERIAL HYBRIDS**. Height 2 ft. Splendid plants for partially shaded positions in the border or rockery. Foliage is graceful and fern-like; the dainty, long-spurred flowers are produced in strong brilliant shades of blue, lavender, pink and yellow.Pkt. 15c

New Ageratums in Pink and Blue

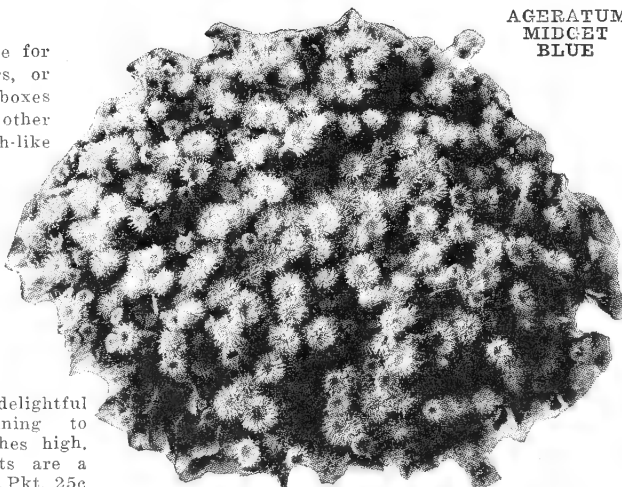
Floss Flower (Annual)

Ageratums are excellent to use for edging walks and flower borders, or they may be used in window boxes and pots in combination with other flowering plants. The soft plush-like little flowers form compact clusters which cover the entire plant. In bloom all summer.

- 1026 **MIDGET BLUE**. 4 in. Dwarf and compact, with rich azure-blue flowers.....Pkt. 20c

- 1027 **BLUE CAP**. 6 in. Deep rich lavender blue.....¼ oz. 50c, pkt. 15c

- 1028 **FAIRY PINK**. 5 in. A delightful rose-pink variety, beginning to flower when only 1½ inches high. The dwarf, compact plants are a mass of bloom all summer...Pkt. 25c



AGERATUM MIDGET BLUE

Snapdragons

ANTIRRHINUM (Annual)

Rust-Resistant Super Majestic Strain

Developed by scientists of the University of California, this strain is resistant to rust. The seeds germinate better, the plants are more vigorous, the foliage clean, the flowers large and the colors exceptionally clear and beautiful. Height 2½ ft.

- 1046 **ROSE SENSATION**. Rose-pink.
1047 **ORANGE SHADES**.
1048 **ROYAL CRIMSON**. Garnet-red.
1052 **CALIFORNIA GIANT MIXTURE**.

Each of the above. Pkt. 25c.

Any 3 pkts. for 65c.

- 1054 **GIANT MIXED SNAPDRAGONS**. Height 30 in.....¼ oz. 50c, pkt. 10c

- 1060 **HALF DWARF SNAPDRAGONS**. Height 18 in.....¼ oz. 50c, pkt. 10c

"Dainty Gem" is a new two-tone Zinnia of flesh-pink with a bright rose-pink center. Gay and colorful to use in bouquets. See page 58.

Wilt Resistant Asters

A special strain bred to resist Fusarium Wilt and much more vigorous and productive than the ordinary strains. The different types which we offer, vary in form and blooming season. By starting seed of various types, you are assured a brilliant garden display and flowers for cutting from mid-summer to frost.

Early Beauty

(Early Midseason Wilt Resistant)

This beautiful strain is rapidly superseding American Branching for general use. Plants are of the non-lateral branching type, grow 2-3 ft. tall, and produce enormous flowers on long, strong stems. Bloom from August to frost. Superb for cutting.

1100 Crimson.

1101 September Beauty, flesh pink.

1102 Azure Fairy, clear lavender-blue.

Each of the above, $\frac{1}{8}$ oz., 35c, pkt. 10c

Early Dawn

(Earliest of All)

A new class that is very early, beginning to flower in mid-July. Large, well-formed blooms about 4 inches across, borne on strong stems. Plants grow 16 to 18 inches tall. An excellent cutting variety.

1110 Finest Mixed... $\frac{1}{8}$ oz. 35c; pkt. 15c

Early Royal

(Early Midseason Wilt Resistant)

These come into bloom in mid-August. The flowers are large and very double, with broad incurved petals; stems are long and upright, branching from the base of the plants. Height of plants, 2 feet.

1125 Royal Rose. 1128 Royal Purple.

1127 Royal Lavender. 1130 Royal Mixed.

Each of the above

$\frac{1}{8}$ oz. 30c, pkt. 10c

Giant Mammoth Peony Flowered

(Midseason)

A super strain with immense double flowers of perfect form, borne on long stout stems characteristic of the true peony flowered type. Wonderful for cut flowers and a splendid keeper and shipper. Plants grow 2½-3 ft. tall, and bloom from July until frost.

1140 Finest Mixed... $\frac{1}{8}$ oz. 40c; pkt. 15c

Super Giant Asters

(Midseason)

Magnificent large flowers, 6-8 inches across, full petaled and very deep with gracefully interlacing petals. Plants 2½ ft. tall, with from six to eight long stems per plant.

1148 LOS ANGELES. An enchanting shade of pure shell-pink.Pkt. 15c

1149 EL MONTE. Deep glowing crimson, with the sparkle of live rubies.....Pkt. 15c

For Aster Plants, see Page 27.

For Hardy Asters, see Page 46 and Front Cover.

Remember to:

Disinfect all Aster Seed with SEMESAN just before sowing. Use a pinch to a packet of seed, mix well; thoroughly coating seed, and plant.

$\frac{1}{8}$ oz. pkt. 10c.

Special Aster Offers

Novelty Collection

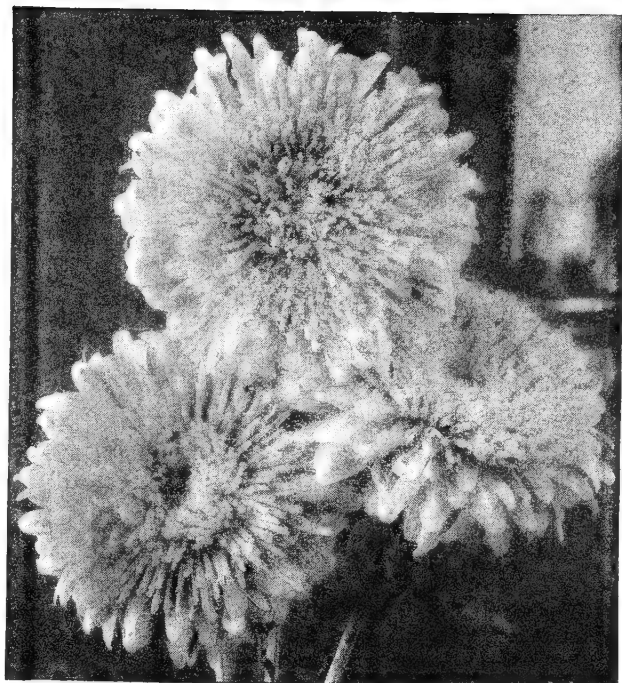
One Packet Each:

Super Giant Los Angeles } 40c
Princess Marsha
Peony Flowered Mixed

Long Season Collection

One Packet Each:

Early Dawn } 30c
Early Beauty
California Sunshine



This is Aster Princess Bonnie, a beautiful shade of salmon rose.

These New Asters Bloom in Mid-August

Early Giant Wilt Resistant

The most outstanding new development in Asters. The flowers are full petaled and very large, 4 to 5 inches across. Plants are 1½ to 2 feet tall, with branches low on central spike. Stems are strong and heavy, ideal for cutting. This exceptional new class comes into bloom during early to mid August.

1115 Light Blue. A large lacy flower.
1116 Peach Blossom. White flushed pink.
1117 Rose Marie. Rich rose.

Each of the above, pkt. 20c

One packet of each for 50c

Use a SOIL-SOAKER to water your flowers. It soaks the soil without wetting the foliage. Costs only \$1.40 prepaid. See page 75 for detailed description and illustration.



Aster Super Giant, Los Angeles
Super Giants are the largest and most fully double Asters.

New Crested Asters

(Early Midseason, Wilt Resistant)

This beautiful new type has large blooms with full crested centers surrounded by several rows of strong guard petals. The plants are free blooming and grow about 2 ft. high.

1151 PRINCESS ANNE. Flowers open a delicate pink, turning to rosy pink as they mature.

1152 PRINCESS BONNIE. A beautiful soft shade of salmon rose.

1153 PRINCESS MARSHA. Cinnabar scarlet with a rich gold center, which changes to silver as the flower opens and matures. An exciting new color.

Each of the above, pkt. 15c.

One packet of each for 40c.

Giant Single Southcote Beauty

(Early Midseason)

Unrivalled by any other aster for cutting and house decoration. The flowers have long, perfectly formed petals and comparatively small, golden-yellow centers. Plants are of branching habit, 2-2½ ft. tall; blooms are borne on long stiff stems.

1155 Dark Blue. 1157 Lavender.
1156 Bright Rose. 1158 Scarlet.

Each of the above, pkt. 10c

One pkt. of each for 30c

Giant California Sunshine

(Midseason)

The most beautiful and artistic of all Asters. The flowers have cushion centers of light yellow tubular petals, surrounded by broad guard petals of pink, rose, blue or lavender, producing a wonderful color contrast and presenting an airy, lace-like effect. Individual blooms are 5-6 inches in diameter, on long, stiff stems. Plants 2½-3 ft. high.

1169 Finest Mixed..... $\frac{1}{8}$ oz. 40c; pkt. 15c

Heart of France

(Early Midseason, Wilt Resistant)

Conceded to be the finest red aster. Its remarkable color of rich glowing red deepens with age. The flowers are of good size, very full and double, and are borne on long stiff stems. Plants are of strong branching habit. 1½-2 ft. tall.

1175.....Pkt. 15c

Try growing the New Princess Asters this season, they are ideal for cutting and the colors are surprisingly beautiful.



These brilliant flowers bloom from early summer to frost, and thrive even in poor soil. The plants are bushy and grow about 2 feet high.

Calendulas Pot Morigold (Annual)

- 1212 **YELLOW COLOSSAL.** (New.) Clear bright yellow flowers, 4½ inches across. Blooms profusely for 3 months. Pkt. 15c
- 1213 **GLOWING GOLD.** (New.) Loose fluffy petals, giving the appearance of a golden ball. Pkt. 20c
- 1214 **CHRYSANTHA or SUNSHINE.** Bright buttercup-yellow; long curling petals. ¼ oz. 40c; pkt. 10c
- 1215 **APRICOT QUEEN.** Bright apricot, deepening slightly at center. ¼ oz. 40c; pkt. 10c
- 1216 **MASTERPIECE.** Rich deep orange with a darker center. ¼ oz. 40c; pkt. 10c
- 1217 **CAMPFIRE (Sensation).** Extra large orange flowers with an iridescent scarlet sheen. ¼ oz. 50c; pkt. 10c
- 1218 **ORANGE BEAUTY.** Extra large blooms of perfect form. Pure glowing orange. ¼ oz. 40c; pkt. 10c
- 1219 **DOUBLE ART SHADES.** Pastel hues of apricot, cream, and orange. ¼ oz. 50c; pkt. 15c

Candytuft

(Annual)

Dwarf plants admirably adapted to beds, edgings, pots and borders. Will thrive anywhere, and bloom profusely throughout the summer.

- 1240 **GIANT HYACINTH-FLOWERED.** 1 ft. Snow-white flowers. ¼ oz. 25c; pkt. 10c
- 1242 **FINEST MIXED.** ¼ oz. 25c; pkt. 10c

CANDYTUFT, IBERIS (Perennial)

1243 **SEMPERVIRENS.** 1 ft. Dwarf evergreen plants covered with white flowers in spring and early summer. Fine for borders and the rock garden. ¼ oz. 60c; pkt. 15c

Carnation

Giant Flowering (Annual)

Few flowers surpass in fragrance the spicily-scented Carnation. Given an early start indoors or in a hotbed, Double Carnations like those grown by florists, can be grown in the outdoor garden. Plants lifted in fall, cut back and potted, will bloom again indoors.

- 1251 **GIANT ENFANT DE NICE.** Flowers are 2-3 inches in diameter on long, strong stems. Finest mixed colors. Pkt. 20c
- 1252 **GIANT DOUBLE MARGUERITE.** Blooms abundantly within five months from planting. Finest mixture. Pkt. 15c

CASTOR BEAN, see Ricinus, page 56.

BABY'S BREATH, see Gypsophila, page 52.
BACHELOR'S BUTTON, see Centaurea.

BALLOON VINE (Annual Climber)

- 1200 Height 10-15 ft. Graceful climber with pale green foliage and small white flowers followed by ornamental seed pods resembling balloons. ½ oz. 20c, pkt. 10c

BALSAM (Annual)

- 1205 **DOUBLE MIXED.** Height 18-24 in. Sturdy bushy plants with large double flowers clustered in the axils of the leaves. Colors: red, rose, pink and white. Prefer rich soil and sunny position. Pkt. 10c

BELLIS, English Daisy (Perennial)

- 1208 Height 6-8 in. Compact plants, with leaves forming a rosette; the daisy-like flowers of rose and white are borne on stiff stems. Bloom all summer. Pkt. 10c

BRACHYCOME, Swan River Daisy (Annual)

- 1209 Height 8 in. Compact plants with deeply cut foliage and dainty flowers. Suitable for edging and pot culture. Blooms all summer. Mixed colors. Pkt. 10c

California Poppies

Eschscholtzia (Annual)

- 1220 **RAMONA HYBRIDS FINEST MIXED.** Flowers beautifully frilled and incurved. Pkt. 15c
- 1221 **DOUBLE CHOICE MIXED.** Large double flowers in brilliant shades. ¼ oz. 30c; pkt. 10c

CALLIOPSIS, Golden Wave (Annual)

- 1222 Height 2-3 ft. Plants are much branched and produce an abundance of showy flowers in various shades of crimson, orange and gold, all summer. ¼ oz. 30c; pkt. 10c

CANARY BIRD VINE (Annual Climber)

- 1235 Height 15-20 ft. Dainty cut foliage and curious bird-like blossoms of a clear canary yellow. Fine for covering stumps, trellises or fences. ½ oz. 25c; pkt. 10c

CARDINAL CLIMBER (Annual)

- 1245 Height 20 ft. A strong rapid-growing climber with fine fern-like foliage and clusters of bright red flowers from mid-summer to frost. Very showy and attractive. Pkt. 10c



Little Alan Maas shows us the big Canterbury Bells grown by his mother, Mrs. Wm. Maas, of Watertown, Minn.

Canterbury Bells

Campanula

Plants form perfect pyramids about 2 feet high and produce beautiful bell-shaped flowers on long upright stems. Bloom in early summer.

- 1224 **ANNUAL CANTERBURY BELLS.** Blooms from seed in less than six months. Seed started indoors in March will bloom in August. Plants bear six to eight flower spikes. Mixture includes pink, deep rose, violet and dark blue. Pkt. 10c

Biennial Canterbury Bells

- 1225 **SINGLE CANTERBURY BELLS.** Mixed colors, rose, blue and white. Pkt. 10c
- 1226 **DOUBLE CANTERBURY BELLS.** Mixed colors, pink, blue and white. Pkt. 10c
- 1232 **CUP AND SAUCER CANTERBURY BELLS.** Its very large calyx is the same color as the corolla, giving the flower the appearance of a cup and saucer. Mixed colors. Pkt. 10c

Centaurea

Bachelor's Button or Cornflower

Cyanus (Annual)

These new improved varieties have larger flowers, stiffer stems and more vivid coloring. They grow about 30 inches tall, bloom all summer, and make fine cut flowers.

- 1260 **RED BOY.** 1261 **SNOWMAN.**
- 1262 **BLUE BOY.**

Each, ¼ oz. 25c; pkt. 10c.

Victory Garden Special, 1 pkt. of each 25c.

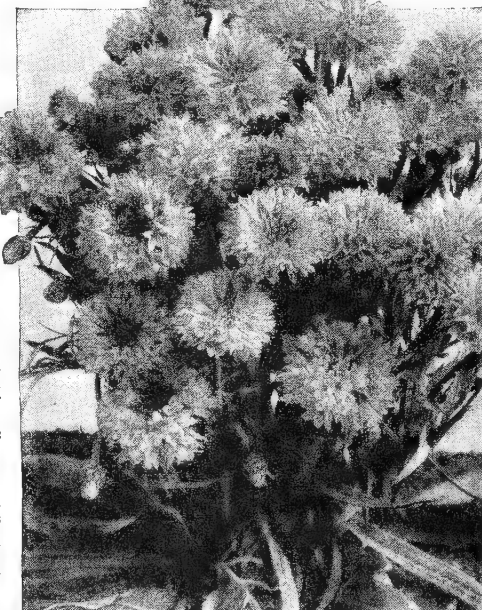
- 1268 **JUBILEE GEM.** 1 ft. This dwarf variety forms a compact plant, literally covered with vivid deep blue flowers. Pkt. 10c
- 1269 **DOUBLE MIXED.** ¼ oz. 40c; pkt. 10c

Giant Sweet Sultans, 2½ ft.

Beautiful, fluffy, double flowers on long smooth stems. Fragrant and extra-fine for cutting.

- 1275 **DEEP LAVENDER.**
- 1276 **YELLOW (Suaveolens).**
- 1277 **AMERICANA (Basket Flower).** Lavender.
- 1278 **IMPERIALIS FINEST MIXED.**

Each of above, ¼ oz. 25c; pkt. 10c



CENTAUREA JUBILEE GEM has vivid dark blue flowers.

Grow Large Double Cornflowers in Red, White and Blue to Wear on Your Coat Lapel or Dress—See Centaureas Red Boy, Snowman and Blue Boy.

Cockscomb

Celosia (Annual)

- 1255 **CRISTATA**. Height 12-18 in. Large ornamental flower-heads frilled and corrugated like a cock's comb. Mixed colors.Pkt. 8c
- 1256 **CHILDSI**, (Chinese Wool Flower). Height 3 ft. Large globular flower-heads, resembling balls of wool chenille, of a rich bright red color. Bloom from early summer to frost.Pkt. 10c
- 1257 **SPICATA**. Height 3 ft. The flowers are slender, pointed spikes of soft bright rose, gradually changing to silver-white. Pkt. 15c
- 1258 **PLUMOSA**. Height 3½ ft. Forms pyramidal branching plants with large feathery flower-heads, ranging from orange to deep crimson. Mixed colors.Pkt. 8c
- 1259 **PYRAMIDALIS** (Flame of Fire). Height 1½ ft. Candelabra-shaped plants, each branch terminating in a flower-head of fiery scarlet.Pkt. 15c

CHINESE LANTERN, see *Physalis*, page 55.

Chrysanthemum

- 1285 **ANNUAL CHRYSANTHEMUMS**. Height 20 in. Daisy-like flowers in attractive color combinations of yellow, brown, red rose and white. Useful for mass color effects and excellent for cutting. Bloom all summer.¼ oz. 25c; pkt. 10c
- 1290 **SHASTA DAISY** (Perennial). Height 2 ft. June-August. Bears large white flowers on long stems; invaluable for cutting. Very free flowering.Pkt. 10c

CLARKIA (Annual)

- 1300 **ELEGANS DOUBLE MIXED**. Height 2 ft. Plants send up a mass of slender, upright branches, with each branch covered for almost its entire length with charming rosette-like flowers, resembling the sprays of Flowering Almond.¼ oz. 50c; pkt. 10c

COBREA SCANDENS, Cathedral Bells (Annual Climber)

- 1303 Height 15-20 ft. A rapid-growing, handsome climber with beautiful bell-shaped flowers 1½ inches across and 2 inches long. Flowers open a clear green, gradually changing to deep violet blue. Fine for covering arbors, walls, etc. Pkt. 10c

COLEUS (Tender Perennial)

- 1305 Height 12-18 in. Handsome foliage plants valuable for bedding borders and window boxes. The leaves are large, of various shapes, marked and bordered in brilliant color combinations. Finest mixed.Pkt. 10c

COLUMBINE, see *Aquilegia*, page 48.

CORALBELLS, see *Perennial Plants*, page 46.

CORNFLOWER, see *Centaurea*, page 50.

CHINESE FORGET-ME-NOT *Cynoglossum* (Annual)

- 1318 **DWARF FIRMAMENT**. 16 in. An improved bush form, with bright indigo-blue flowers all summer long. The plants are easy to grow and thrive even in dry, poor soil.Pkt. 15c

CYPRESS VINE (Annual Climber)

- 1319 Height 10-15 ft. A good vine for training on a light ornamental trellis. Bears a profusion of star-shaped scarlet and white blossoms from midsummer to frost. Fine fern-like foliage. ¼ oz. 20c; pkt. 10c

New Giant Cosmos

- 1310 **EARLY FLOWERING MAMMOTH MIXED**. 4-6 ft. Contains soft shades of crimson, rose, pink and lavender. Pkt.10c
- 1312 **ORANGE FLARE**. 3-4 ft. Blooms in about three months from seed, and continues until killing frost. Flowers are a beautiful showy golden orange. The plants are sturdy and well-branched, with deep green foliage. Pkt. 10c
- 1313 **YELLOW FLARE**. 3-4 ft. All-America Silver Medal Winner for 1942. Like Orange Flare, except in color, which is a rich golden yellow.Pkt. 25c
- 1314 **SENSATION, Giant Early Strain**. 4 ft. Blooms in about twelve weeks from sowing. The flowers are 4-5 inches across, with heavy fluted petals. Colors are rose-pink, Cardinal-red, and white with a satiny sheen.Pkt. 15c
- 1315 **CRESTED OR DOUBLE SENSATION, Early Strain**. 4 ft. As large as the popular Sensation Cosmos, but with a 2-inch crested center, making it appear even more mammoth. Colors are white, pink and crimson.Pkt. 20c



- 1316 **GIANT SENSATION DAZZLER**. A 1943 All-America Winner. A luscious shade of rich deep velvety crimson. The broad fluted petals slightly overlap, giving the flower a very full appearance.Pkt. 25c

See Color Illustration on Page 80

New Double Coreopsis (Perennial)

Height 2 ft. Large orange-yellow flowers on long graceful stems. Bloom profusely during the summer and fall, affording a constant supply of cut flowers.

- 1308 **MAYFIELD GIANT**. Tall vigorous plants with long stiff stems and very large flowers of rich golden yellow.Pkt. 15c
- 1309 **DOUBLE SUNBURST**. This new form is very popular, the extra petalage adding a further charm to the immense golden yellow flowers.Pkt. 20c

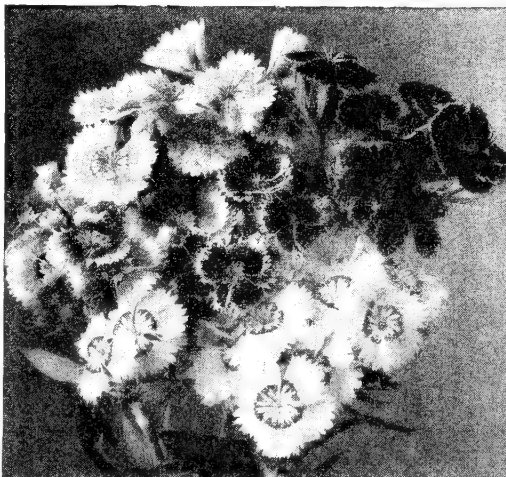
DATURA, Angel's Trumpet (Annual)

- 1325 **CORNUCOPIA**. 2-3 ft. Handsome sub-tropical plants with immense trumpet-shaped, fragrant flowers of creamy white with violet markings. Blooms from early summer to fall.Pkt. 10c

DIDISCU, Blue Lace Flower (Annual)

- 1354 Height 2-3 ft. Clusters of lovely umbel-shaped flowers, 2 to 3 inches across are produced from July to frost. Color, an exquisite shade of clear lavender-blue. Fine for cutting.¼ oz. 25c; pkt. 10c

DIGITALIS, see *Foxglove*, page 52.



The flowers of *Dianthus Sweet Wivelsfield* are sweetly fragrant and come in a wide range of gay colors.

Stately Delphiniums

HARDY LARKSPUR (Perennial)

- 1333 **BELLAMOSUM**. Deep blue.Pkt. 15c
- 1334 **CLIVEDEN BEAUTY**. (Improved Belladonna.) Turquoise blue.Pkt. 15c
- 1335 **GOLD MEDAL HYBRIDS**. Color from pale lavender to deep blue, with many double.Pkt. 20c
- 1336 **WREXHAM HOLLYHOCK STRAIN**. Giant flowered strain with double blooms 1½ to 2 inches across, many of them bicolor.Pkt. 35c
- 1337 **PACIFIC GIANTS**. Developed on the Pacific Coast. Florets 2 inches across, on 5 ft. stems, slender and wiry. Mildew resistant. Blue shades.Pkt. 50c
- 1338 **BLUE BUTTERFLY** (Annual). (Chinese Delphinium.) 18 in. Intense gentian-blue florets; finely cut foliage. Pkt. 15c

DELPHINIUM PLANTS, see page 46.

Dianthus or Pinks

China Pinks (Annual)

Easily raised from seed, they bloom from early summer until frost.

- 1340 **SWEET WIVELSFIELD**. A splendid border and cut flower. The blooms are larger than Sweet William, with beautiful brilliant colorings and markings.Pkt. 15c
- 1341 **HEDDEWIGI LACINIATUS, DOUBLE MIXED**. 1 ft. Brilliant colors, many striped and mottled. ¼ oz. 25c; pkt. 10c
- 1348 **HEDDEWIGI LACINIATUS, SINGLE MIXED**. 1 ft. Very large fringed flowers ranging from white to deep crimson. Mixed colors.¼ oz. 25c; pkt. 10c

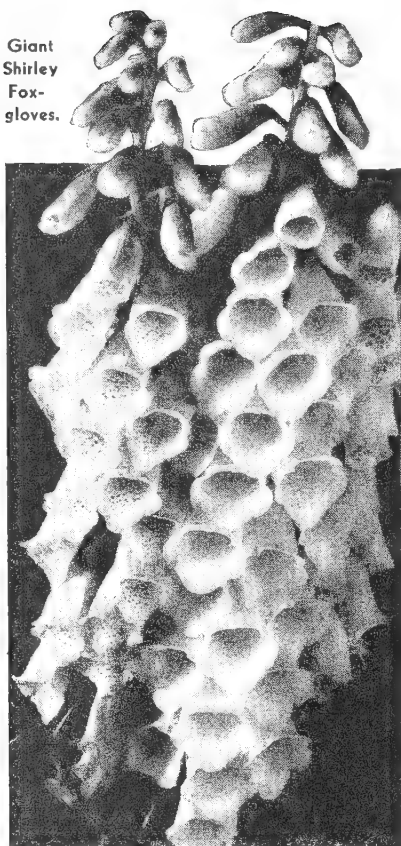
DIANTHUS Clove or Grass Pinks (Perennial)

- 1351 **PLUMARIUS, SINGLE AND DOUBLE MIXED**. 1 ft. Cherished for their spicy fragrance and rich coloring. Fine for rock gardens and edgings.¼ oz. 25c; pkt. 10c

DIANTHUS BARBATUS, see *Sweet William*.

The New Giant *Calendula*, *Yellow Colossal* has 4½-inch fully double flowers and blooms profusely for three months. See page 50.

Giant Shirley Fox-gloves.



Gaillardias Bloom all Summer

Blanket Flower (Annual)

Brilliant and effective either for garden decoration or cutting. Gaillardias delight in a warm sunny location and light, open, well-drained soil. Sow the seed where they are to bloom.

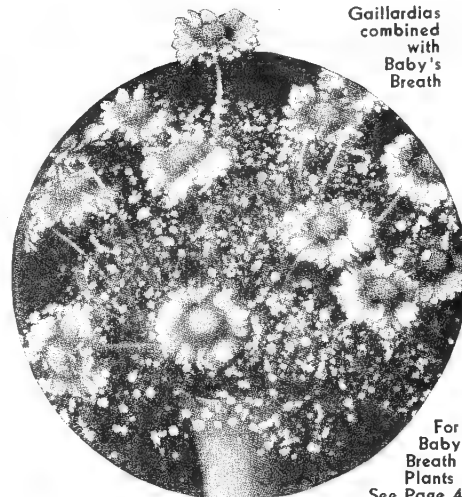
- 1379 **INDIAN CHIEF**. 1 ft. Flowers are a glittering, metallic, bronzed color with dark brown center. ¼ oz. 25c; pkt. 10c
- 1380 **LORENZIANA DOUBLE FINEST MIXED**. 18 in. Colors range from light lemon-yellow to deep orange or scarlet with striking bands and flecks of crimson. ¼ oz. 25c; pkt. 10c

Gaillardia Grandiflora (Perennial)

One of the few perennials that flowers continuously from June to October. They thrive in any position or soil and are perfectly hardy. Invaluable for cutting.

- 1381 **THE DAZZLER**. 2 ft. Large golden-yellow flowers with rich maroon centers. Pkt. 15c
- 1382 **BURGUNDY**. 2 ft. Shining wine-red flowers. 2½ inches in diameter on long, stiff stems. Pkt. 20c

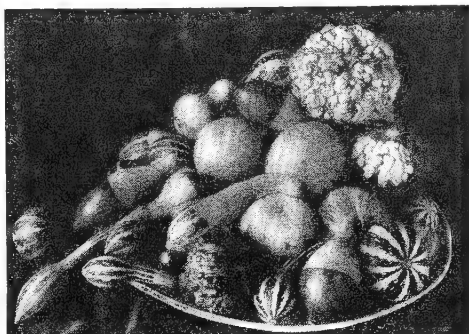
Gaillardias combined with Baby's Breath



For Baby's Breath Plants See Page 46

← Foxglove or Digitalis

- 1355 **SHIRLEY HYBRIDS**. Height 6 ft. The flower-heads are over 3 feet long, closely set with big bell-shaped blossoms of white, rose and crimson with beautiful throat markings. Mixed colors. Pkt. 15c



BRIGHTLY COLORED GOURDS arranged in a bowl or basket make an unusual centerpiece for the table.

GODETIA or Satin Flower (Annual)

- 1388 **UPRIGHT SINGLE FINEST MIXED**. 15 in. Godetia seeds sprout during the cool, wet months of early spring and bloom profusely in late spring. They cannot tolerate strong summer sun. The flowers are large and trumpet-shaped and come in shades of pink, white and crimson. Pkt. 10c

GOMPHRENA, Globe Amaranth (Annual)

- 1390 Height 18-24 in. Bushy plants with clover-like blossoms of purple-red, yellow, rose and white. Very attractive in winter bouquets. They should be cut before they are fully open. Pkt. 10c

GOURDS, ORNAMENTAL (Annual Climber)

- 1393 **SMALL VARIETIES MIXED**. 15-20 ft. Useful for covering arbors, fences, etc. The flowers are often beautiful, and the fruits are oddly shaped and quaintly marked and colored. They make unique table decorations and interesting toys for children. ½ oz. 25c; pkt. 10c

HELICHRYSUM, Everlasting or Strawflower (Annual)

- 1425 Height 2-3 ft. Large double flowers, 1½ in. across, are produced all summer. Colors range from yellow, orange, red and rose to white. Splendid for winter bouquets. ¼ oz. 25c; pkt. 10c

Baby's Breath

Gypsophila (Perennial)

- 1410 **PACIFICA**. New rose-pink form, coming into bloom after the paniculata variety has passed. Pkt. 25c
- 1415 **PANICULATA**. 2-3 ft. Plants are branchy and spreading with stiff, wiry stems and minute white flowers, producing a graceful misty effect. Used extensively with cut flowers and for winter bouquets. Pkt. 10c

ANNUAL GYPSOPHILA

Graceful branching plants with clusters of delicate flowers about one-half inch across. Beautiful in bouquets with other flowers.

- 1416 **ELEGANS GRANDIFLORA ALBA**. 1½ ft. Large-flowering pure white. Oz. 30c; pkt. 10c
- 1417 **ELEGANS GRANDIFLORA ROSEA**. 1½ ft. Beautiful soft pink. ¼ oz. 25c; pkt. 10c

HELIANTHUS, see Sunflower, page 57.

HELIOPSIS, Orange Sunflower (Perennial)

- 1428 **PITCHERIANA**. 3-4 ft. Large golden-yellow flowers, 2 in. across, are produced on long stiff stems. Brilliant in the garden and fine for cutting. Blooms all summer. Pkt. 10c

New Hollyhocks

- 1436 **DOUBLE TRIUMPH**. 5 ft. Beautifully fringed rosette flowers in many new pastel shades and bi-color combinations. ¼ oz. 60c; pkt. 15c
- 1437 **CHATER'S DOUBLE MIXED**. 5 ft. Extremely double flowers resembling small peonies with closely packed petals. Color range includes crimson, rose-pink, yellow, salmon and scarlet. ¼ oz. 60c; pkt. 15c
- 1440 **ANNUAL INDIAN SPRING**. Blooms in 5 months from seed. Has double and semi-double fringed flowers in shades of pink on 4-5 ft. plants. Pkt. 15c

HUNNEMANNIA or Tulip Poppy (Annual)

- 1444 **SEMI-DOUBLE SUNLITE**. Height 18 in. July to September. Flowers clear canary-yellow, about 3 in. across. Unlike other double flowers, this novelty develops a band of short petals on the outside of the cup, which adds to its size and charm. Pkt. 15c

DOLICHOS, Hyacinth Bean (Annual Climber)

- 1357 Height 10 feet. Large dark green leaves and erect racemes of purple and white flowers, followed by ornamental seed pods of a shining bronze-purple. Grows rapidly. Oz. 25c; pkt. 10c

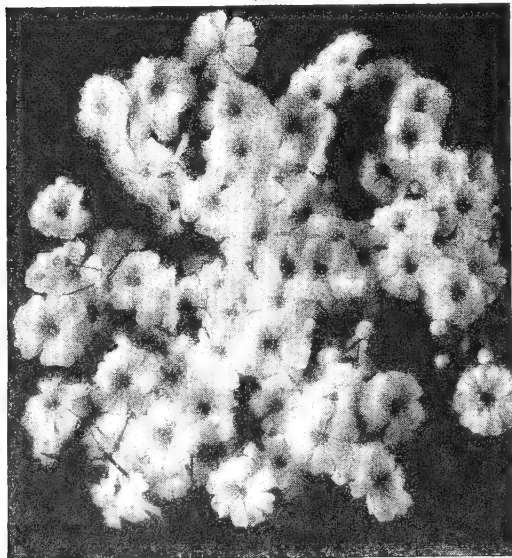
ENGLISH DAISY, see Bellis, page 44.

FEVERFEW, see Matricaria, page 53.

FORGET-ME-NOT, see Myosotis, page 54.

FOUR O'CLOCKS, Marvel of Peru (Annual)

- 1370 Height 2-3 ft. Erect, bushy plants with dense glossy foliage and hundreds of long-tubed, funnel-shaped flowers of white, yellow, crimson or striped. They remain closed until 4 o'clock in the afternoon when the plants become a glowing mass of color. Oz. 15c; pkt. 10c



Annual Baby's Breath will add a charm to any bouquet of garden flowers.

The blossoms of Hunnemannia or Tulip Poppy are like California Poppies but more crinkled. They bloom throughout the summer and until late fall.

Four Edgings

ICE PLANT (Annual)

- 1446 **MESEMBRYANTHEMUM CRYSTALLINUM.** Height 6 in. A curious trailing plant, with thick succulent leaves covered with glistening ice-like globules. The flowers are pinkish-white. Very popular for rock gardens and dry sunny borders..... $\frac{1}{4}$ oz. 30c; pkt. 10c

KOCHIA, Summer Cypress (Annual)

- 1465 Height 2-2 $\frac{1}{2}$ ft. Plants are erect, much-branched and densely pyramidal resembling small closely-sheared evergreens. Foliage is feathery soft bright green, turning to red in fall...Oz. 25c; pkt. 10c

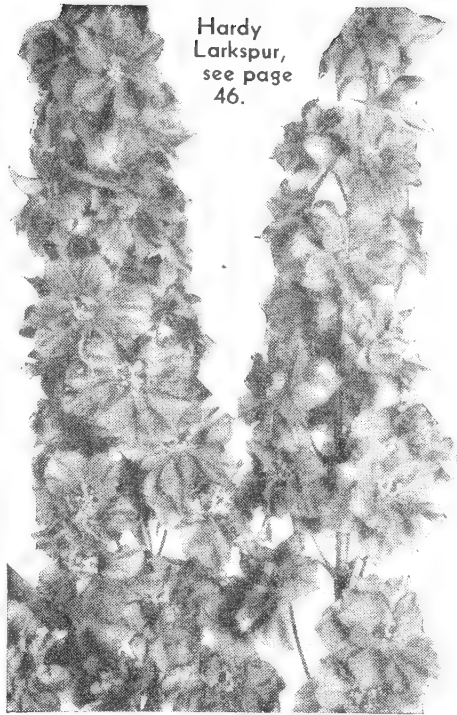
LINARIA, Maroccana (Annual)

- 1486 **FAIRY BOUQUET.** 8 in. Flowers are small and dainty, resembling miniature snapdragons. The colors range through crimson and gold, pink, mauve, blue and rose. Bloom in about 8 weeks from seed.....Pkt. 15c

LOBELIA, Crystal Palace (Annual)

- 1489 Height 6 in. Plants form compact little bushes covered with brilliant, deep blue flowers throughout the summer. Desirable for edgings, bedding and pot culture..... $\frac{1}{8}$ oz. 50c; pkt. 10c

Hardy
Larkspur,
see page
46.



GIANT IMPERIAL LARKSPUR with large individual blossoms set closely on spike.

Gay Larkspurs

Giant Imperial (Annual)

A new strain, especially valuable for cutting. The spikes are heavily covered with fully double flowers; individual florets are large and closely placed on the stems. Height 3-4 feet.

- 1470 **BLUE BELL.** Azure blue.
1471 **BLUE SPIRE.** Deep violet-blue.
1472 **DAZZLER.** Rich scarlet.
1473 **MISS CALIFORNIA.** Salmon-rose.
1474 **WHITE SPIRE.** Pure white.
1475 **GIANT IMPERIAL MIXED.**

Each of the above, $\frac{1}{4}$ oz. 40c, pkt. 15c.

LATHYRUS, Perennial Pea (Perennial Climber)

- 1480 **LATIFOLIUS.** 6-8 ft. A decorative vine for a trellis or fence. The flowers are borne in large clusters all summer, and are splendid for cutting. Mixed colors: rose, white and crimson. Once established, the roots should not be disturbed..... $\frac{1}{2}$ oz. 40c; pkt. 10c

LUNARIA or Honesty (Biennial)

- 1490 Height 2 ft. Has purple flowers followed by shiny silvery seed pods. It is called "Honesty" because the seeds can be seen through the pods. Also known as St. Peter's Penny. Very attractive in winter bouquets combined with Physalis and other Everlastings.....Pkt. 10c

LUPINUS, Hartwegii (Annual)

- 1493 Height 2 ft. Tall graceful spikes of pea-shaped flowers in delicate shades of blue, lavender, pink and white. If cut as they mature the plants continue to bloom..... $\frac{1}{2}$ oz. 25c; pkt. 10c

Marigolds in New Colors and Types

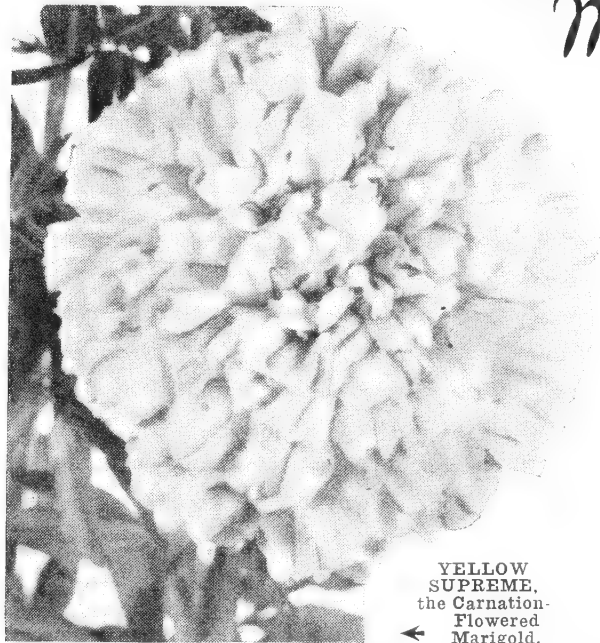
French Marigolds

- 1503 **SPRY.** 9 in. Flowers have a bright orange crested center with maroon outer petals. Plants are uniform, compact, early flowering...Pkt. 15c
- 1504 **DWARF ROYAL SCOT ALL DOUBLE.** 10 in. This new strain is of dwarf bushy growth, with rich mahogany and gold flowers uniformly striped.....Pkt. 15c
- 1505 **DWARF DOUBLE BUTTERBALL.** 9 in. An exquisite little Marigold with $1\frac{1}{2}$ -inch canary-yellow blooms, lightly tipped maroon on center petals. Excellent for edging or pot plants.....Pkt. 20c
- 1506 **SCARLET GLOW.** 10 in. Bright, bronze-red flowers on compact, bushy plants. Though a few flowers show russet and gold, "Scarlet Glow" is considered the brightest red double French sort....Pkt. 15c
- 1507 **DWARF DOUBLE SUNKIST.** 9 in. A 1943 Silver Medal Winner. Very early and like Butterball in habit and form, but the color is a rich, deep golden orange. Sunkist adds a dazzling note of color to the border or window box.....Pkt. 25c

Double African Marigolds

- 1500 **LEMON QUEEN.** 30 in. Large double-quilled flowers of lemon yellow..... $\frac{1}{2}$ oz. 30c; pkt. 10c
- 1501 **PRINCE OF ORANGE.** 30 in. Immense double-quilled flowers with ends of petals slightly frilled. Color is a deep golden orange.....Pkt. 15c
- 1502 **FINEST MIXED VARIETIES.** All shades from pale yellow to deep orange.....Pkt. 10c

See Color Illustration of New All-American Marigold "Sunkist" on Page 80.



YELLOW SUPREME.
the Carnation-Flowered Marigold.

MARIGOLD NOVELTY STRAINS

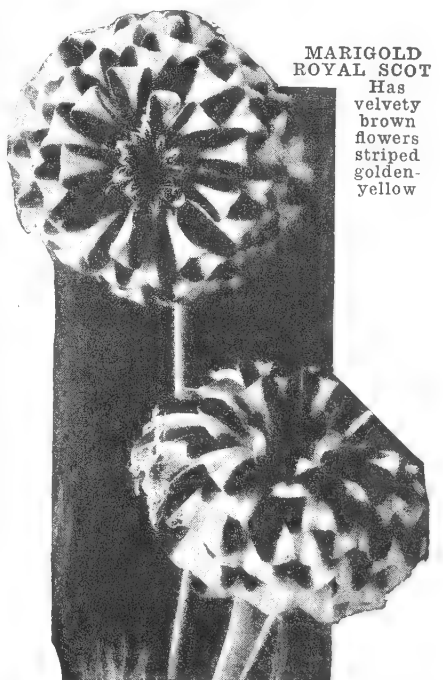
- 1495 **DWARF CHRYSANTHEMUM-FLOWERED GOLDEN BEDDER.** A 1942 Bronze Medal Winner. Earliest of all Marigolds to bloom. The flowers are golden orange with a row of outer guard petals surmounted by a fully double crest. The plants form symmetrical mounds and send up long stems, excellent for cutting.....Pkt. 25c
- 1496 **EARLY SUNSHINE.** 2 $\frac{1}{2}$ ft. A tall, stately, Chrysanthemum-flowered type. The brilliant golden yellow flowers are made up of tiny five-petaled florets, gracefully interlocked. Early Sunshine is an early flowering strain of Dixie Sunshine.....Pkt. 15c
- 1497 **MISSION GIANT GOLDSMITH.** 2 ft. 1941 Bronze Medal Winner. Giant chrysanthemum-like blooms of a rich, golden orange, very full and double. Plants are base-branching, early and free-flowering.Pkt. 20c

- 1498 **YELLOW SUPREME.** 2 ft. The flowers are semi-double, loosely ruffled, of a rich, creamy yellow color of the true carnation flowered type. The plants are practically free from Marigold odor.... $\frac{1}{4}$ oz. 50c; pkt. 10c
- 1499 **BURPEE GOLD.** 2 ft. Beautiful carnation-like, fully double flowers, of an even, rich deep orange color, $3\frac{1}{2}$ inches across. The plants are uniform in growth, early flowering and free from Marigold odor...Pkt. 10c

Marigold Specials

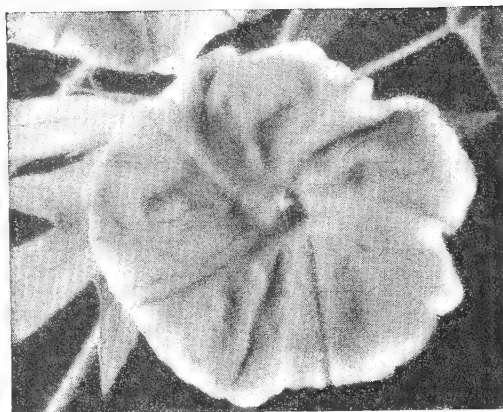
Novelty Collection—One pkt. 60c
each of the 5 Novelty Strains

Border Collection—One pkt. 75c
each of French Marigolds



MARIGOLD ROYAL SCOT
Has velvety brown flowers striped golden-yellow

Ageratum Midget Blue and Petunia Radiance make a good color combination to use as an Edging or Border.



Morning Glory Cornell has flowers of intense carnelian-red, bordered white.

Morning Glories

Ipomea (Annual Climber)

Cultural Notes — Never plant Morning Glories until the soil is thoroughly warm, or the seed will rot instead of germinating. Select a dry, sandy position, and sow where the plants are to flower, as they resent transplanting. Heavy watering and rich soil result in a dense growth of foliage and very few flowers.

- 1520 **PEARLY GATES.** All-America Silver Medal Winner for 1942. A large satiny white flower with cream shading in throat. The luxurious foliage sets off the flowers to best advantage and gives them a beautiful appearance.Pkt. 15c
- 1523 **CORNELL.** Large flowers of an intense carnelian red, with a pure white border. The vines are strong and bloom profusely until killed by frosts.Pkt. 15c
- 1525 **SCARLETT O'HARA.** A new color in Morning Glories. Rich wine-red or deep crimson. Very showy. For early flowering, the seed should be started in pots in March.Pkt. 15c
- 1526 **EARLY FLOWERING HEAVENLY-BLUE.** Vines are a mass of lovely sky-blue flowers, 2½-3 inches across, from early summer to frost.Pkt. 15c
- 1527 **JAPANESE MIXED.** Flowers are ruffled and fluted from throat to margin. Colors: red, rose, garnet, blue, purple, etc.½ oz. 20c; pkt. 10c

Red, White and Blue Morning Glory Collection

One } Scarlett O'Hara
Pkt. } Pearly Gates
Each } Heavenly Blue

40c

MATRICARIA Feverfew (Tender Perennial)

- 1512 **CAPENSIS.** 18-24 in. Plants are bushy in growth, with finely cut leaves and clusters of small, tightly double, white flowers. Excellent for pot plants, bedding and cutting.Pkt. 15c

MATTHIOLA, see Stock, page 57.

MEXICAN FIRE BUSH, see Kochia, page 53.

MIGNONETTE, Reseda (Annual)

- 1516 **MACHET.** 12-15 in. Immense compact spikes of blossoms with a delicate fragrant odor are produced throughout the summer and until late in the fall. Fine for cutting.¼ oz. 25c; pkt. 10c

MOSS ROSE, see Portulaca, page 55.

MOURNING BRIDE, see Scabiosa, page 56.

MYOSOTIS or Forget-Me-Not (Perennial)

- 1535 Height 4-9 in. Plants are of compact habit with large clusters of exquisite clear blue flowers. Flourish in moist shady positions. Require winter protection.Pkt. 15c

Fragrant Double Nasturtiums

Double Gleam Type

- 1567 **CAPRICE.** Primrose and salmon-cerise blotched. A striking color combination.
- 1568 **INDIAN CHIEF.** Double sweet-scented flowers of vivid scarlet. The foliage is dark green.
- 1569 **MAHOGANY.** Dark mahogany-red flowers. An outstanding color.
- 1570 **GOLDEN GLEAM.** Fragrant golden-yellow flowers on long stems.
- 1571 **SCARLET GLEAM.** Fiery orange-scarlet flowers with ruffled petals.

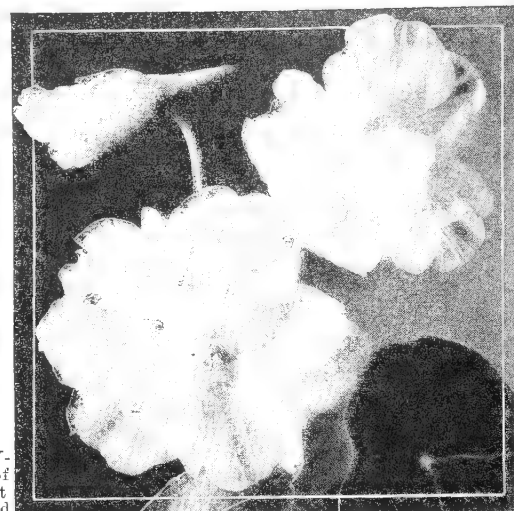
Each of above, pkt. 15c

One pkt. each of above 5 colors for 60c

- 1572 **DOUBLE GLORIOUS GLEAM HYBRIDS.** Gorgeously colored flowers of salmon, yellow, cream, orange, scarlet maroon and rose shades. Fragrant and profuse flowering.Pkt. 15c

- 1574 **DWARF SINGLE MIXED.** 1 ft. Giant flowers in a great variety of gay color combinations and the brilliant self-colored sorts.Oz. 30c; pkt. 10c

- 1575 **TALL GIANT FLOWERING MIXED.** 6 ft. Excellent for hanging baskets, window boxes or for covering fences or walls.Oz. 30c; pkt. 10c



Double Gleam Nasturtiums have short runners and are excellent to grow in porch and window boxes, or to cover sunny slopes.

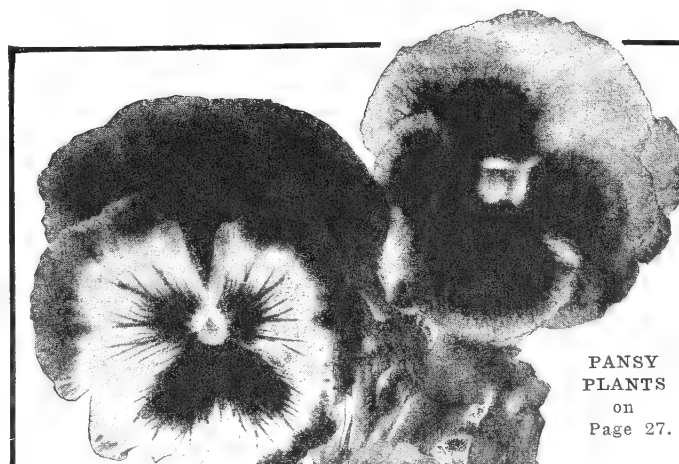
- 1573 **DWARF DOUBLE GEM MIXTURE.** The ideal plant for border and edging use. Dwarf, compact, totally without runners, the plants produce fragrant, semi-double flowers of good size. The color range includes shades of rose, salmon, yellow and scarlet.Pkt. 15c

NICOTIANA, Flowering Tobacco (Annual)

- 1540 Height 2-3 ft. Plants are of branching habit, and bloom continuously from early summer until frost. The flowers resemble petunias, but have a longer tube. They open toward evening and emit a heavy fragrance. Hybrids mixed.Pkt. 10c

NIGELLA, Love-in-a-Mist (Annual)

- 1545 **MISS JEKYLL.** Height 18 in. Plants are compact and free-flowering with finely cut foliage and large semi-double flowers of a lovely cornflower-blue on long stems.¼ oz. 15c; pkt. 10c



PANSY
PLANTS
on
Page 27.

New Giant Pansies

IMPROVED STRAINS.

The seed may be started indoors in February or in a cold frame in March, in carefully pulverized rich soil. Transplant to open ground in May.

ROGGLI SWISS GIANTS

- 1606 **ALPENGLOW.** Beautiful cardinal and garnet red shades.Pkt. 25c
- 1608 **LAKE OF THUN.** Ultramarine blue with darker blotches.Pkt. 25c
- 1609 **RHEINGOLD.** Yellow with mahogany blotches on lower petals.Pkt. 25c

One pkt. each above for 70c

- 1628 **ROGGLI SWISS GIANTS MIXED.** Gigantic flowers of heavy texture on strong stems. The colors are choice and rare, surpassing in quality and range all other Swiss Giants. Pkt. 25c.

SPECIAL MIXTURES

- 1620 **ENGLEMANN'S SPECIAL GIANT.** Re-selected to a strain of immense flowers from the old Scottish Show type. Bronze and reddish shades. Vigorous, compact and early flowering.Pkt. 35c
- 1629 **MASTERPIECE OR RUFFLED PANSIES.** A remarkable strain of Giant Pansies with beautifully frilled petals, so full as to appear almost double. Rich colors, with dark velvety shades predominating.Pkt. 20c
- 1631 **TRIMARDEAU MIXTURE.** A superior strain, with robust deep-rooting plants and flowers of mammoth size and great substance. Choice mixed colors. Pkt. 20c

Morning Glory "Cornell" has large flowers of intense carnelian red, with a pure white border.

Brilliant New Petunias

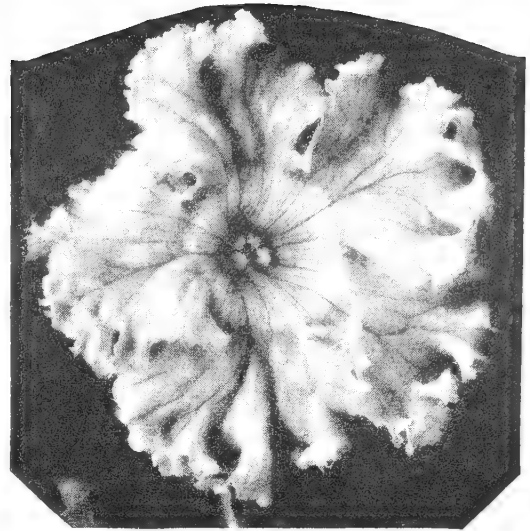
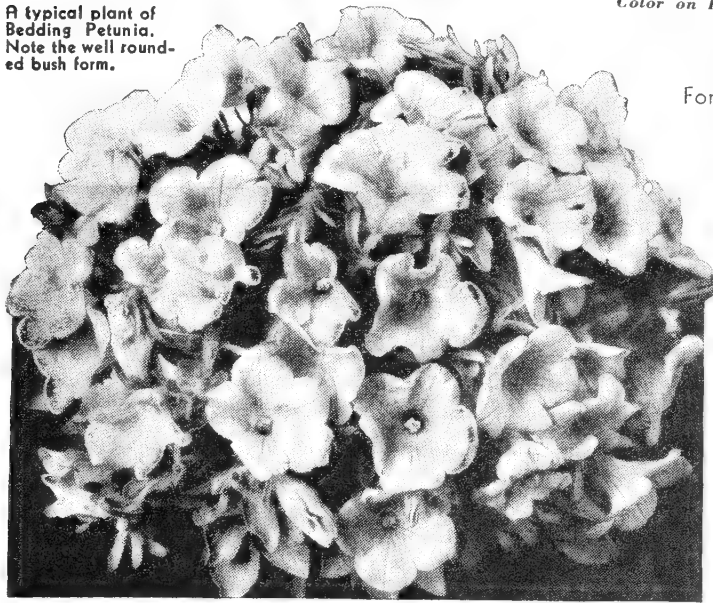
Bedding Petunias

Dense bushy little plants, 8-12-inches high, literally covered with flowers. Indispensable for borders, pots, rock gardens and bedding.

- 1642 **RADIANCE.** Brilliant cerise-rose with a salmon undertone to remove all harshness. Blooms are from 2½ to 3 inches in diameter and have a golden throatPkt. 20c
- 1643 **LADYBIRD.** Bright carmine overlaid with scarlet. One of the most vivid, outstanding colors in Bedding Petunias. Its dwarf, bushy growth makes it desirable also as a pot plant.Pkt. 20c
- 1645 **BETSY ROSS.** A ruffled dwarf Petunia in red and white, blending to golden and deep red in the throat. The blooms are 2½ inches across. Betsy Ross creates a decidedly gay effect in the gardenPkt. 20c
- 1646 **ENGLISH VIOLET.** A 1943 All-America Selection. It has the same beautiful color as English Violets. All flowers on a plant hold this uniform color from the time they open until the last bloom.Pkt. 25c
- 1648 **MARS.** A uniform, deep lively crimson, with a velvety texture. Deeper in color, and larger flowered than Flaming Velvet, the blooms average three inches.Pkt. 25c
- 1649 **TOPAZ QUEEN.** "The Queen of the Pinks." A deep, rich rose-pink that does not fade in the brightest sun. Dwarf and compact, its large flowers make a brilliant showing.Pkt. 25c
- 1650 **VIOLACEA.** Deep rich violet-blue.Pkt. 15c
- 1651 **FINEST MIXED BEDDING PETUNIAS.**¼ oz. 60c; pkt. 10c

For Petunia Plants see Page 27

A typical plant of Bedding Petunia. Note the well rounded bush form.



Theodosia, a Giant Single Fringed Petunia of Soft Rose-Pink.

Balcony Petunias

For Porch & Window Boxes.

- 1656 **DEEP BLUE.** Beautiful deep violet-blue.Pkt. 15c
- 1657 **DAMASK ROSE.** Brilliant Tyrian rosePkt. 15c
- 1658 **RED WONDER.** The brightest red of all. Free blooming, with extra-large flowers 3¼ in. acrossPkt. 20c
- 1659 **BLACK PRINCE.** Deep rich velvety redPkt. 15c

Giant Petunias

- 1653 **ALL-DOUBLE GIANT FRINGED MIXED.** This wonderful new strain produces 100% double-flowering plants. The flowers are exquisitely fringed and often measure 5 inches across. An extra fine mixture.Pkt. 50c
- 1654 **ELK'S PRIDE.** A Giant Single Petunia of exceptional beauty. The color is a deep, velvety purple. Plants are dwarf, compact and vigorous.Pkt. 25c
- 1655 **THEODOSIA.** A Giant Single Fringed Petunia of soft rose pink, with wide golden throat, delicately veined. Gracefully fringed and ruffled.Pkt. 30c

This Book Answers All Your Garden Questions

Tells you how to grow and care for Perennials, Annuals, Bulbs, House Plants, Shrubs, Evergreens, Lawns, Trees and Vegetables. Contains 20 pages on Weed Control, Insect and Disease Control, Fertilizing and Pruning, Propagating and Dividing. 120 Pages—Many Illustrations.

Send for Your Copy Today!

25c
ppd.



Annual Phlox

Drummondii Gigantea

Improved Annual Phlox rivals in size the hardy perennial varieties and is unsurpassed for massing and bedding. It provides an un-failing display of color and cut flowers from early July until well into October.

- 1664 **RED GLORY.** 1942 All-America Winner. Rich bright red, with contrasting white eyePkt. 20c
- 1665 **ROSY MORN.** Deep rose-pink with a white eye.Pkt. 20c
- 1666 **FINEST BEDDING MIXED.** 12 in.¼ oz. 35c; pkt. 10c
- 1673 **STAR CHOICE MIXED.** 12 in.¼ oz. 40c; pkt. 10c

For HARDY PHLOX PLANTS, see page 46, and color illustration, page 42.

PHYSALIS, Chinese Lantern Plant (Perennial)

- 1675 **FRANCHETTI.** 18-24 in. Plants form dense bushes and bear bright, orange-scarlet pods, resembling miniature Chinese lanterns. May be dried and used for winter bouquets. Very attractive when combined with Lunaria.Pkt. 10c

PINKS, see Carnation, Dianthus and Sweet William.

Platycodon

Chinese Bell or Balloon Flower (Perennial)

- 1679 **GRANDIFLORA BLUE.** Height 18-24 in. Handsome compact-growing plants, bearing an abundance of broad, bell-shaped blue flowers in July. The flowers when in bud have the appearance of inflated balloons.Pkt. 10c

PYRETHRUM or Painted Daisy (Perennial)

- 1726 **SINGLE RUBY RED.** 2 ft. Large, single, disk-like flowers of rich crimson-red. Plants set in groups of 3 or 4, add brilliance to the garden. Blooms in June and again in late summer.Pkt. 15c

RHODANTHE, Everlasting (Annual)

- 1729 **MANGLESII ROSE.** 1 ft. One of the few everlastings which retains its grace and beauty after being dried. Flowers cut before they fully expand retain their beautiful bell form.Pkt. 10c

RICINUS or Castor Bean (Annual)

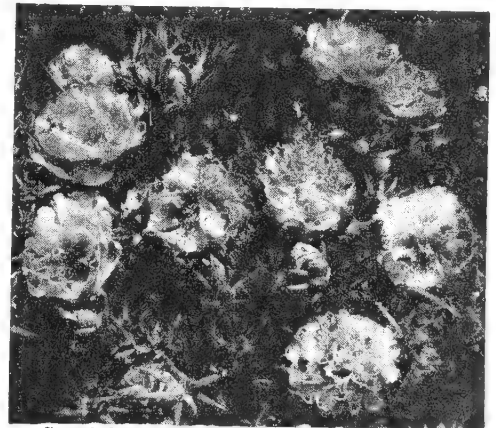
- 1730 **RED SPIRE.** 6-8 ft. Foliage plants of luxuriant and rapid growth, valuable for backgrounds and screens, producing a rich tropical effect. The leaves are of enormous size, deeply lobed and conspicuously veined, dark green and bronze in color.Oz. 25c; pkt. 8c

Portulaca

Moss Rose (Annual)

Portulacas thrive in a dry, sunny position where most other flowering plants would die of drought. They are but 4 inches high, of spreading habit and form a dense thick carpet. The glossy cup-shaped single blossoms and rose-like double flowers cover the plants and make a brilliant display all summer.

- 1712 **SINGLE MIXED.** ...¼ oz. 50c; pkt. 10c
- 1713 **DOUBLE MIXED.** ...¼ oz. 75c; pkt. 15c



Sow PORTULACA in low border edgings.

The New Calendula "Glowing Gold" has fluffy golden orange petals that give the appearance of a golden ball. See page 50.

Gorgeous Poppies

ICELAND POPPIES (Nudicaule) Perennial

To brighten the garden, you can make no better choice than the new improved Iceland Poppies. They bear immense flowers with broad, deeply fluted petals, giving a semi-double effect. Bloom freely the first year from seed if sown early.

- 1707 **THE EMPEROR.** 18 in. Deep tangerine, orange.....Pkt. 15c
- 1708 **THE EMPRESS.** 18 in. Shades of salmon and rose-pink.....Pkt. 15c
- 1709 **YELLOW WONDER (Amurense).** An All-America Selection. 24 in. Bright buttercup yellow. Heat and drought resistant.....Pkt. 15c

ORIENTAL POPPY Perennial

- 1710 Height 2-3 ft. For gorgeous coloring Oriental Poppies have few rivals among hardy plants. The flowers are often 6 inches across and are borne on tall stems. Produce a magnificent effect.....Pkt. 15c

Annual Poppies

- 1691 **AMERICAN LEGION.** An improved variety of Flanders Poppy. Flowers are a brilliant orange-scarlet of enormous size, on long stout stems. ¼ oz. 25c; pkt. 10c
- 1692 **GIANT SHIRLEY (Silk or Ghost).** 1 ft. Beautiful satiny flowers, 4 inches across, with fluted, crinkled petals. Colors contain delicate shades of rose, apricot, salmon-pink and crimson with occasional blues. Foliage is hairy and finely cut. Oz. 30c; pkt. 10c
- 1695 **DOUBLE SHIRLEY POPPY, "Sweet Briar,"** Deep rose-pink flowers, full and double. Resembles a large double Begonia.....Pkt. 10c

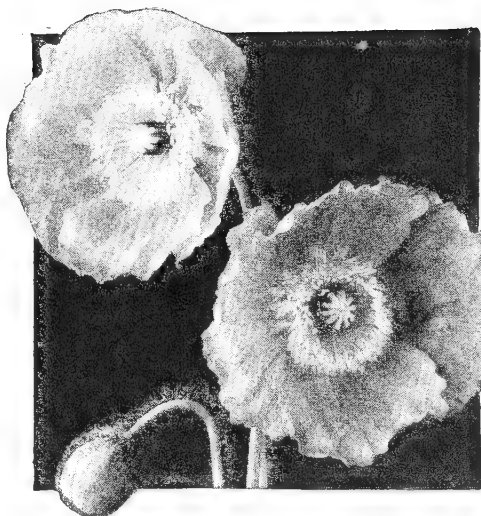


SALPIGLOSSIS,

Painted Tongue or Velvet Flower (Annual)

Illustrated Above

- 1741 Height 2-2½ ft. Beautiful velvety petunia-like flowers, greatly prized for cutting. They range in color from various shades of purple and blue through red and yellow to creamy white, delicately veined and penciled with gold. Bloom from July to frost..... ¼ oz. 50c; pkt. 10c



ICELAND POPPY "EMPEROR."
Has silky-textured, fluted flowers of deep tangerine orange.

New Rudbeckias

Coneflower (Annual)

- 1715 **AUTUMN TINTS.** 2 ft. Flowers of this outstanding new strain measure 4 inches in diameter and have erect non-drooping petals. Autumn Tints is a mixture of attractive autumn shades.....Pkt. 15c

Bright Salvias

Scarlet Sage (Annual)

Handsome summer and autumn-flowering annual with brilliant flowers; very effective for massing, bedding and cutting. Useful also for window box and pot plants.

- 1745 **SPLENDENS.** 2-3 ft. Plants are much branched with large spikes of bright scarlet flowers produced in profusion during the summer and fall. This is the old favorite bedding variety..... ¼ oz. \$1.25; pkt. 15c
- 1746 **FIREBRAND (Harbinger).** 15 in. A true dwarf, large-flowering Salvia which commences blooming in July from early-sown seed. The symmetrical plants are completely covered with long sprays of large brilliant scarlet flowers.....Pkt. 25c
- 1747 **FARINACEA BLUE BEDDER.** 2-3 ft. Long spikes of showy deep blue flowers, splendid for garden display and cutting. Can be dried and used as an everlasting. Seed sown in May will bloom from July to frost.....Pkt. 25c

SCARLET RUNNER BEAN (Annual Climber)

- 1760 Grows 12 to 15 ft. high, with brilliant scarlet flowers followed by green shell beans excellent for table use..... Lb. 30c; ½ lb. 17c; pkt. 10c

SCHIZANTHUS, Butterfly Flower (Annual)

- 1764 Height 18-24 in. Plants are of bushy luxuriant growth, with delicate finely-cut foliage and exquisite orchid-like flowers in a great range of bright colors, blotched and marked in contrasting shades. One of the daintiest of annuals.....Pkt. 10c

SHASTA DAISY, see page 50.

SNAPDRAGON, see Antirrhinum, page 48.



PROTECT YOUR HANDS with EAZY-WEAR GARDEN GLOVES

All-leather — dirt-proof — soft as kid — extra pliable. Specify for men or women. "Small," "Medium" or "Large." Price: 75c a pair, prepaid.

Giant Scabiosas

Pin-cushion Flower (Annual)

Showy in the garden and one of the finest annuals for cutting. Bloom continuously from early summer until frost, in a wide range of rich, beautiful colors. They grow 2 to 3 feet high, with flowers on long slender stems; also known as Mourning Bride.

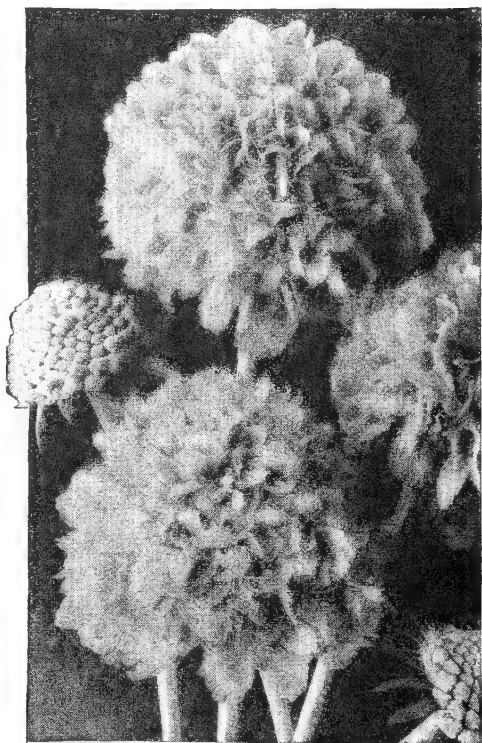
- 1750 **ROSETTE.** Rose suffused salmon..Pkt. 15c
- 1751 **KING OF THE BLACKS.** Reddish-black. ¼ oz. 30c, pkt. 10c
- 1752 **IMPERIAL GIANTS BLUE MOON.** A luscious shade of deep lavender blue. Extra large double flowers with broad, frilly petals.....Pkt. 15c
- 1753 **PEACE.** Semi-tall double white on eight-inch stems.....Pkt. 15c
- 1755 **FIERY SCARLET.**... ¼ oz. 30c, pkt. 10c
- 1757 **GIANT HYBRIDS MIXED.** ¼ oz. 30c, pkt. 10c

SCABIOSA CAUCASICA

Blue Bonnet (Perennial)

- 1758 **GIANT HYBRIDS.** Height 18-24 in. Handsome hardy plants that thrive in ordinary garden soil. The semi-double flowers are 2 to 3 inches across and are borne on long stout stems; color is an exquisite lavender-blue shading to deep blue. Exceptionally good for cutting.....Pkt. 20c

See Color Illustration Page 42.



Scabiosa Imperial Giants Blue Moon.

Star of Texas

- 1765 **XANTHISMA TEXANUM.** 18 in. Large daisy-like flowers, of bright canary-yellow, with long narrow ray-like petals. The plants are bushy, erect and very free flowering. They thrive best in dry, open, sunny places. The seed should be sown early where plants are to stand...Pkt. 15c

STATICE, Sea Lavender (Annual)

- 1769 **SINUATA.** 1-2 ft. Suitable for growing in rock gardens and charming when dried for winter bouquets. The flowers are produced in racemes on long, graceful stems. Colors: rose, blue and white; retains its true colors when dried. ½ oz. 25c; pkt. 10c

Rudbeckia "Autumn Tints" furnishes showy flowers for cutting, in all of the fiery colors of autumn.

Colorful Stocks

Giliflower (Annual)

Their deliciously-scented flowers are borne in branching spikes on velvety-leaved plants. The secret of growing good Stocks in the garden is to start the seed early indoors, prick the seedlings into tiny pots, and keep them growing rapidly until they can be set outdoors in the richest possible soil.

- 1772 **DWARF TEN WEEKS.** 12 in. Large-flowering, double, fine for bedding. Finest mixed colors.....Pkt. 10c
- 1774 **BEAUTY OF NICE.** 18 in. Double. Come into bloom twelve weeks from sowing. Deep flesh pink.....Pkt. 15c
- 1777 **GIANT IMPERIAL.** 24 in. Double. Given sufficient room, the plants form magnificent bushes with long, thick flower. Finest mixed colors.....Pkt. 15c
- 1778 **EVENING SCENTED STOCK.** (*Matthiola Bicornis*.) 15 in. Small rosy lavender flowers which emit a delicious perfume after dark.....Oz. 30c; pkt. 5c

STOKESIA, Cornflower Aster (Perennial)

- 1780 **CYANEA.** 2 ft. One of the choicest flowers for the garden and indispensable for cutting. Plants are much branched and bear freely from July until frost, the handsome lavender-blue flowers which measure from 4 to 5 inches across. Of easy culture, succeeding in any open, sunny position.....Pkt. 10c

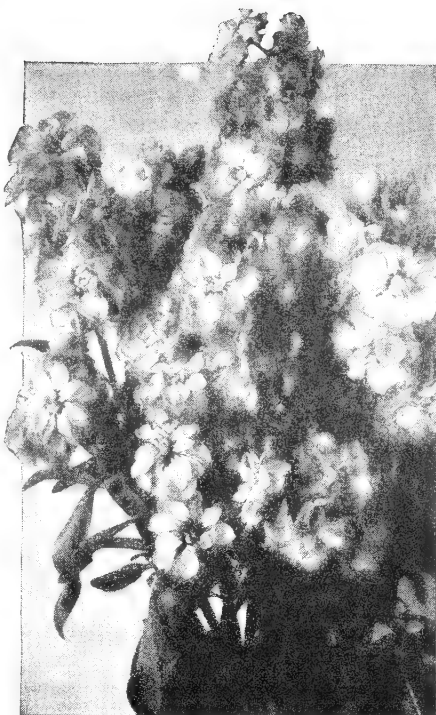
Sunflower

Helianthus (Annual)

- 1830 **MINIATURE SUNFLOWER.** 3-4 ft. Produce flowers in many shades of rose, bronze and orange. Bloom all summer and are useful for cutting.....Pkt. 10c
- 1831 **RED SUNFLOWER.** 4-6 ft. Curled petals in various shades of red and orange, beautifully shaded and bordered..Pkt. 10c
- 1832 **MAMMOTH RUSSIAN.** 8-10 ft. Huge flat flower heads grown for the seeds which are fed to parrots, poultry and birds. Planted in the poultry yard the plants furnish shade, and when planted in the vegetable garden the stalks will serve as poles for climbing or pole beans.
.....Large pkt. 5c

SWEET ALYSSUM, see Alyssum, page 48.

SWEET SULTANS, see Centaurea, page 50.



Among the oldest and best-loved garden flowers are STOCKS or GILIFLOWERS.

Sweet William

Dianthus Barbatus (Perennial)

One of our finest hardy garden plants, of easy culture and thriving in any good garden soil. Grow 12 to 18 inches high, with flowers in flat clusters on tall stiff stems.

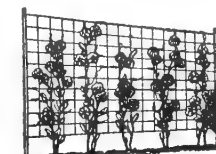
- 1890 **SINGLE LARGE FLOWERED MIXED.**
1891 **DOUBLE LARGE FLOWERING MIXED.**
1892 **PINK BEAUTY.** Beautiful salmon-pink.
1893 **SCARLET BEAUTY.** Brilliant scarlet.

Any of the above, pkt. 10c.

Support Sweet Pea Vines with TRAIN-ETTS

The New Weatherized Trellis Netting

Use this easy-to-hang, attractive, strong, weather-proof Trellis to properly support Sweet Peas, climbing flowers and vines.



	Price,
Size	Postpaid
No. 1—60x72 in....	39c
No. 2—60x96 in....	49c
No. 3—60x180 in....	69c

Sweet Peas

Early Spring-Flowering Spencers

Best for the North and Middle West, as they come into bloom a month earlier than the late varieties, and continue to bloom for a much longer period. Our leaflet, "How To Grow Sweet Peas," is free for the asking.

- 1834 **American Beauty.** Rich crimson-rose.
1835 **Am ethyst.** Royal purple.
1836 **Ball's Rose Improved.** Deep rose-pink.
1837 **Cascade.** Large pure white.
1839 **Laddie Improved.** Light rose-pink.
1841 **Florist Rose.** Pure carmine-rose.
1843 **Fragrance.** Clear lavender.
1845 **Daphne.** Soft salmon-pink.
1847 **Mariner.** Clear marine-blue.
1848 **Mars.** Deep crimson.
1850 **Treasure Island.** Sparkling orange.
1851 **Oriental.** Deep cream.
1852 **Othello.** Maroon.
1854 **Red Cross.** Dazzling scarlet-cerise.

Any of the above, pkt. 15c;
2 pkts. for 25c.

Summer-Flowering Spencers

- 1857 **Ruffled Blue.** Medium blue.
1858 **Bonnie Ruffles.** Cream-pink.
1859 **Ruffled Crimson.** Rich crimson.
1860 **Ruffled Crinkles.** Pink, suffused coral.
1861 **Ruffled Purple.** Rosy purple.
1862 **Ruffled Rose.** Pure rose.
1863 **Royal Ruffles.** Scarlet-cerise.
1864 **Ruffled White.** Pure White

Any Summer-Flowering Spencers,
pkt. 10c.



Special

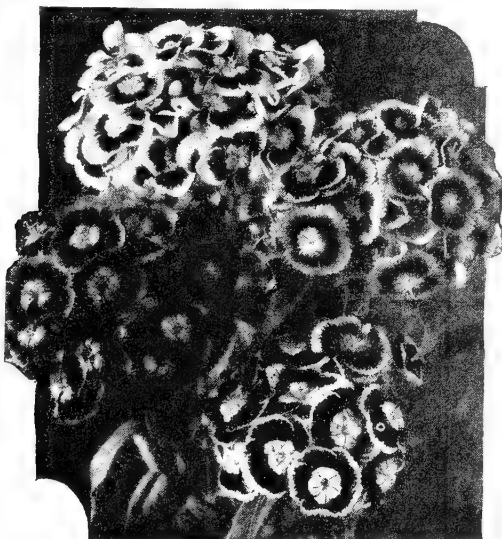
Ruffled Sweet Peas

- One **Bonnie Ruffles.** Cream-pink.
Ruffled Blue. Medium blue.
Pkt. **Ruffled Crimson.** Rich crimson.
Royal Ruffles. Cerise.
Each **Ruffled Rose.** Pure rose.
Ruffled Purple. Rosy purple.

All 6 Pkts. 50c

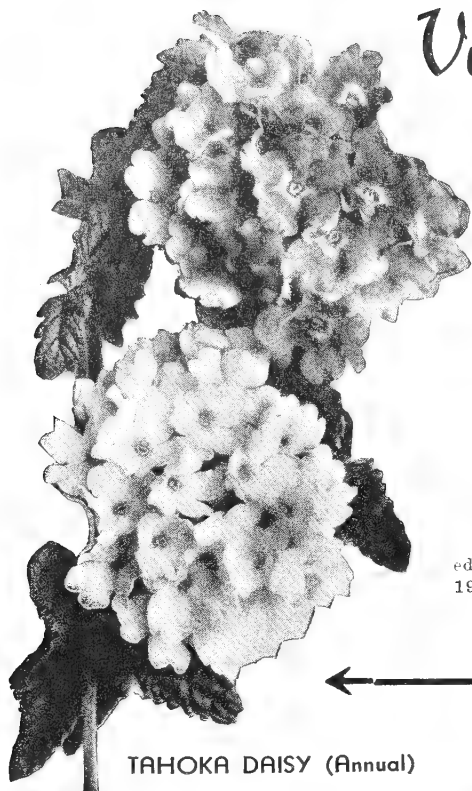
- 1865 **RAINBOW MIXED SPENCER.** Giant Waved Spencer varieties in a complete color range.. ¼ lb. 50c; oz. 25c; pkt. 10c

- 1875 **EARLY FLOWERING SPENCER MIXED.** Come into bloom a month earlier than other sorts..Oz. 50c; pkt. 10c



To have strong, thrifty plants and large flowers, sow seed of SWEET WILLIAM every year.

Centaureas Yellow Sweet Sultan and Americana (Basket Flower) are splendid for cutting, and will last for a week or more in good condition.



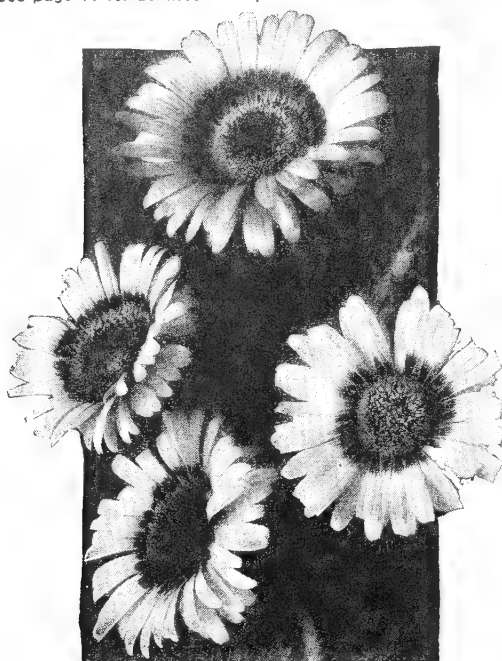
TAHOKA DAISY (Annual)

1894 20 in. A beautiful lavender-blue Daisy with deep yellow center and fern-like foliage. Borne on long stems, the flowers are tinted with rose as they fade. Bloom from late June to October. To get an even and quick germination, keep seed in refrigerator for 2 weeks before sowing.....Pkt. 20c

VENIDIUM FASTUOSUM (Annual)
Monarch-of-the-Veldt

1898 Height 2-3 ft. Deep, brilliant orange, daisy-like flowers, 4-5 inches across, with a double row of petals, the upper row having a glossy reddish-brown center. Germinates readily and flowers profusely. See illustration below.....Pkt. 20c

Use a **SOIL-SOAKER** to water your flowers. It soaks the soil without wetting the foliage. Costs only \$1.40 prepaid. See page 75 for detailed description and illustration.



VENIDIUM has brilliant orange flowers—4 inches across. Blooms all summer.

Vivid Verbenas

Giant Hybrid (Annual)—Height 1 ft.

Unsurpassed for massing in large beds. The plants are of low spreading growth and are covered with brilliant flowers from June to frost. Average trusses measure 3½ inches across. Valuable for cutting.

1899 **FLORADALE BEAUTY.** Extremely large flowers. Shades from rose-pink to rose-redPkt. 15c

1900 **BLUE AND PURPLE SHADES.**Pkt. 10c

1907 **CRIMSON GLOW.** A pure glowing crimson without an eye.....Pkt. 15c

1908 **GIANT HYBRID MIXED VERBENAS.** This mixture includes shades of blue, lavender, purple, yellow, rose and scarlet. Will provide flowers for cutting all summer.....¼ oz. 40c; pkt. 10c

Dwarf Compact Varieties—Height 7 in.

Illustrated in Color on Page 80

Compact in habit, continuous bloomers, adapted for bedding, borders and small gardens.

1909 **FIREBALL.** 1910 **WHITE BALL.** 1911 **BLUE SENTINEL.**

Each of the above, pkt. 20c.

Collection, one each above 3 colors for 50c.



Violas bloom from early spring to frost.

VIOLA CORNUTA

Tufted Pansy (Perennial)

Closely related to pansies and violets, Violas make splendid edging plants for the border and rock garden. They are hardy and bloom continuously.

1918 **ARKWRIGHT RUBY.** Bright ruby crimson, shaded terracotta. Fragrant. Pkt. 20c

1919 **FINEST MIXED.** Includes lavender, orange, purple, blue and yellow.½ oz. 35c; pkt. 15c

WALLFLOWER, Double (Annual)

1920 Height 12-15 in. Suitable for bedding or pot culture. The main spike is covered with double fragrant blossoms of brown and golden yellow. Seed started indoors in February produces flowering plants in July. Mixed colors.....Pkt. 15c

WILD CUCUMBER (Annual Climber)

1925 **ECHINOCYSTIS LOBATA.** 20 ft. Grows rapidly and is thickly dotted with pretty white, fragrant flowers, followed by ornamental prickly seed pods.Oz. 25c; pkt. 10c

YUCCA, Adam's Needle (Perennial)

1929 **FILAMENTOSA.** 3-5 ft. Plants present a striking tropical appearance with their strong sword-like foliage and tall spikes of creamy white flowers. Bloom in July. Very effective in the border and rock garden.....Pkt. 10c

Dwarf Zinnias

Pompon or Baby Zinnias

(Lilliput.) Height 1½ ft.

The plants form handsome little bushes, literally covered with tiny, very double flowers. They bloom all summer. Excellent for borders, bedding and cut flowers.

1972 **DAINTY GEM.** This new bi-colored Zinnia has center petals of bright rose-pink, and lower petals of flesh-pink....Pkt. 15c

1973 **BLACK RUBY.** Rich, deep maroon.

1974 **VALENCIA.** A deep burnt orange.

1975 **FINEST MIXED COLORS.**

Each of the above (except Dainty Gem) pkt. 10c.

Any three 10c packets for 25c.

A Favorite for Borders

1976 **RED RIDING HOOD.** 15 in. Compact, bushy little plants, bristling with miniature double flowers of deep scarlet. An effective border plant.....¼ oz. 30c, pkt. 10c

Cupid Zinnias—1 ft.

Small button-like flowers on rounded plants of bushy habit. Ideal for cutting and for use in miniature vases.

1980 **TINY TIM.** Rich scarlet.

1981 **PIXIE.** Bright yellow.

1985 **MIXED.**

Each of the above, ¼ oz. 50c, pkt. 15c.



Cupid Zinnias for Table Bouquets.

Tom Thumb Zinnias

Grow Only Six Inches Tall!

1987 Tiny double flowers cover the compact plants all summer. Colors are red, orange, pink, yellow, white and pastel shades. For a low border, for potting or to use in low bowl arrangements, this little Zinnia is ideal....Pkt. 15c

Mexicana or Miniature

This dainty little Zinnia should be in every garden. Arranged in low bowls for table decoration it makes the most attractive bouquets imaginable. Also a splendid rock garden and border plant.

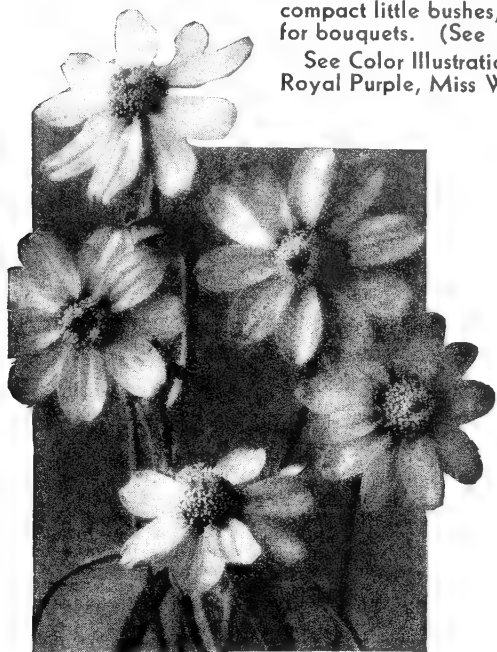
1979 **MIXED COLORS.** Flowers are double and semi-double, and come in a most unusual color range—rose-tipped yellow, maroon-tipped cream, yellow-tipped red. Plants grow 10-15 inches high....Pkt. 10c

Plant a packet of the New Dwarf Zinnia "Dainty Gem." It is gay and intriguing with its two-tone coloring.

Sensational New Zinnias

The New Dwarf Pompon Zinna "Dainty Gem" is a fascinating bicolored novelty that is sure to please. Free flowering and colorful, Dainty Gem plants are neat compact little bushes, with wiry stems, just the right length for bouquets. (See Page 58)

See Color Illustrations on Page 80 for Giant Zinnias Royal Purple, Miss Willmott and Will Rogers.



Zinnia Linearis, with its golden-orange flowers striped lemon-yellow, is ideal for edging.

Howard's Giant Crested

1945. This strain was produced by crossing the Dahlia Flowered and the Scabiosa Flowered types. The blooms average from 4 to 5 inches in diameter, with a full rounded cushion center surrounded by broad guard petals. The colors are bright and fresh and come in shades of rose, maize, yellow, orange and crimson. They are unequalled for cut flower purposes, and the effect of a bouquet of this gorgeous type is breath-taking...Pkt. 15c

Novelty Zinnias

- 1968 **PICOTEE GIANT DOUBLE MIXED.** Large double flowers, measuring 4 inches or more in diameter. Colors are: orange, yellow, pink and flesh with edges of petals serrated and tipped with a contrasting color..... 1/4 oz. 50c; pkt. 10c
- 1970 **FANTASY.** 2 1/2-3 ft. The shaggy ray-like petals of this type resemble the cactus dahlias. The color range includes the brightest shades of red, yellow and orange, as well as pastel pinks and cream..... 1/4 oz. 50c; pkt. 10c
- 1971 **LINEARIS.** 12 in. A new strain, bearing single flowers of deep golden orange, with a contrasting yellow stripe through each petal. It is early flowering, and if allowed plenty of space, the plants spread over two square feet, without growing taller than ten inches. Flowers profuselyPkt. 15c

The Flower Educator

Lovers of flowers will read with interest and pleasure Audel's Flower Educator. Contains over 600 pages and hundreds of illustrations including full page plates of flowers. Printed in large type, easy to read. Flexible art binding. A much appreciated gift.

Complete Pocket Size Reference Book \$1.50

ppd.

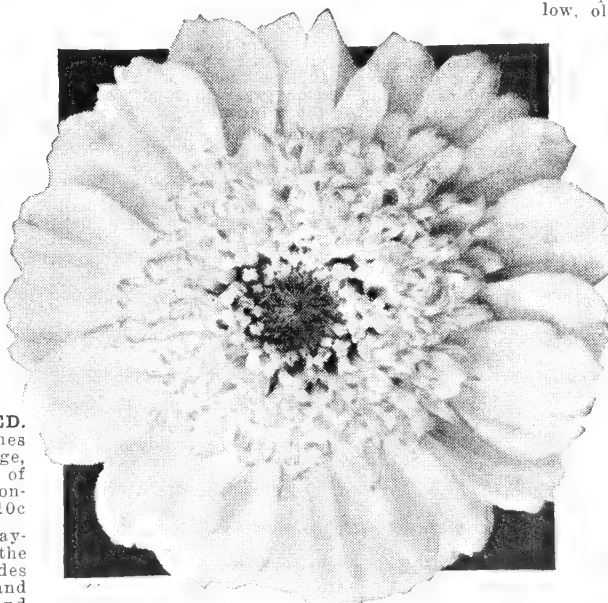
Giant Dahlia Flowered Zinnias

Height 3 ft.

Huge, double flowers, often measuring 4 inches in depth and from 4-5 inches across. The petals are broad, and closely imbricated resembling the show type of Dahlia. Flower in 60 days.

- 1936 **ROYAL PURPLE.** Deep rich purple.....Pkt. 15c
- 1931 **WILL ROGERS.** Brilliant scarletPkt. 15c
- 1932 **GOLDEN DAWN.** Golden yellowPkt. 10c
- 1933 **ILLUMINATION.** Deep rose.Pkt. 10c
- 1934 **CRIMSON MONARCH.** Rich crimson.....Pkt. 10c
- 1935 **ORIOLE.** Orange and gold bi-color.....Pkt. 10c
- 1940 **GIANT DAHLIA FLOWERED MIXED.**.....Pkt. 10c

Any three 10c packets for 25c



Howard's Giant Crested Zinnia

Zinnia Specials

Giant Harmony Collection

- | | | | |
|------|---|------------------------|------------|
| One | } | Howard's Giant Crested | 35c |
| Pkt. | | Super Crown O'Gold | |
| Each | | Dahlia Flowered Mixed | |

Dwarf Zinnia Collection

- | | | | |
|------|---|------------------------|------------|
| One | } | Cupid Finest Mixed. | 30c |
| Pkt. | | Red Riding Hood. | |
| Each | | Mexicana or Miniature. | |



Zinnia Dahlia Flowered Will Rogers is bright scarlet Super Crown O'Gold Pastel Tints

Height 3 ft.

1950 The aristocrats of the Zinnia family. The flowers are large, double and well-formed, each petal overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. Pastel Tints include shades of soft yellow, old gold, pink, peach and salmon...Pkt. 15c

California Giants

Height 3-4 ft.

Very large double flowers, averaging 5-6 inches in diameter when in full bloom. Somewhat flat in form, the flowers have a most graceful appearance and are splendid for cutting. Bloom in 60 days.

- 1960 **GRENADIER.** Extra fine dark red.
- 1961 **MISS WILLMOTT.** Soft, rich pink.Pkt. 15c
- 1962 **LAVENDER GEM.** Clear lavender.
- 1963 **ROSE QUEEN.** Rose with deep rose-center.
- 1964 **LEMON QUEEN.** Petals canary yellow on upper and cerise on lower side. Fragrant.

1965 **CALIFORNIA GIANT MIXED.**

Each of the above, (except Miss Willmott) 1/4 oz. 50c; pkt. 10c.



Fantasy—a cactus-petaled Zinnia, different from all other types.

If you have been disappointed in growing Sweet Peas we suggest that you try the new Early Spring Flowering Spencers. See Page 57.

Permanent PASTURE AND Meadow Mixtures

Newest Experiment Station
Recommendations
And How to Sow Them

These approved combinations or mixtures of suitable pasture plants are generally more desirable than one kind of plant seeded alone. The mixture affords variety, adds palatability and often increases the production per acre. A single grass or legume may fail to make a good stand when others catch well.

Minnesota Farmers: Here's Big News for '43!

Under the 1943 AAA Program, the Government pays you for reseeding depleted pastures. Such partial seedings, consisting of adapted pasture grasses, perennial or biennial legumes, or approved pasture mixtures, will earn a payment of 25c PER POUND of seed sown! All mixtures offered on this page (except Annual Hog Pasture) would qualify for this generous payment. In most cases this will cover about 75% of your seed cost! Be sure to take advantage of this unusual opportunity. Similar opportunities in other states—see your County Committee.

Timothy and Alsike Mixture

Earns AAA Payment of 25c per lb. used in reseeding depleted Minnesota pastures.

Permanent and Productive

1. It makes an excellent permanent pasture as both grasses are perennials.
2. It may be grown on slightly acid soil where Red, Sweet Clover or Alfalfa do not thrive.
3. The hay produced is very leafy, of fine quality and richer in protein than Timothy alone.
4. More tons per acre can be produced.
5. Fertility will be added to the soil through the Alsike, and the Timothy will grow much better as a result.
6. All classes of livestock like the hay.
7. Good returns may be expected on uplands as well as lowlands.
8. Timothy and Alsike mixed will produce more feed per acre than if two separate fields of Timothy and Alsike were grown for hay and mixed.
9. More seed is produced per acre than from two separate fields of Timothy and Alsike. This allows us to make a lower seed price to the farmer than if he bought Timothy and Alsike seed separately and mixed them.

We offer two mixtures of Timothy and Alsike. One contains 20% to 25% Alsike, and is a very popular mixture, grown to a great extent. For those who wish a larger percentage of Alsike, we supply a mixture having 30% to 35% Alsike. This mixture has become popular and is in as big demand as the 20% to 25% mixture. Sow about 12 lbs. of either mixture to the acre. Price: 5 lbs. \$1.25, postpaid. For prices on larger quantities, see Blue Figure Price List.

SETTING the GRAIN DRILL For Sowing Brome-Alfalfa or Brome-Crested Wheat Mixtures

To sow Brome-Alfalfa Mixture at the rate of 18 lbs. per acre, set drill at "3" in pecks of wheat. To sow 26 lbs. per acre, set drill at "4" in pecks of wheat.

To sow Brome-Crested Wheat Mixture at the rate of 15 lbs. per acre, set drill at "3" in pecks of wheat. To sow 22 lbs. per acre, set drill at "4" in pecks of wheat.



Grass Mixtures Provide Variety, Palatability and Increased Nutrition.

New Brome-Alfalfa Mixture

Earns AAA Payment of 25c per lb. used in reseeding depleted Minnesota pastures.

This mixture contains approximately 30% Brome Grass, 25% Alfalfa, 25% Sweet Clover and 20% Timothy. It is highly recommended by the Minnesota, Wisconsin, Iowa, Illinois, Ohio and Michigan Agricultural Experiment Stations, and has proven to be an excellent rotation combination. For one to two years it produces a hay crop, after which it can be pastured—the brome and alfalfa continuing to produce.

Increased hay production of 30% to 40% over brome grass sown alone is generally noted. The alfalfa supplies nitrogen for the brome grass, keeping it very productive, and avoiding a sod-bound condition. Brome grass in turn provides winter covering for the alfalfa.

In this ideal combination, brome grass has shown a 20% to 30% greater protein content than is sown alone, with a tendency to prevent blue grass and annual weeds from coming in.

Sow 18 to 26 lbs. of seed per acre on a well-prepared seed bed, adjusting your grain drill as explained below (in column 1) under "Setting the Grain Drill." Ask for special circular.

Price: 5 lbs. \$1.85, postpaid. See Blue Figure Price List.

Mixture For Low Wet Ground

Earns AAA Payment of 25c per lb. used in reseeding depleted Minnesota pastures.

For land that is occasionally overflowed. This pasture and meadow mixture contains grasses that withstand overflowing of the land without being drowned out. The following mixture has proved most satisfactory for this purpose: Red Top, Timothy, Alsike, Brome Grass, Domestic Rye Grass and Reed Canary Grass, mixed in the proper proportions. After a few seasons, the Red Top, Brome Grass and Reed Canary Grass will predominate, giving you a permanent pasture or meadow that will yield many tons of hay having high feeding value.

Sow 20 to 25 lbs. per acre. For top seeding, sow 10 to 15 lbs. per acre. Price: 5 lbs. \$1.75, postpaid. See Blue Figure Price List for larger quantities.

Brome-Crested Wheat Grass Mixture

Earns AAA Payment of 25c per lb. used in reseeding depleted Minnesota pastures.

Contains approximately 30% Brome Grass, 25% Crested Wheat, 25% Alfalfa and 20% Sweet Clover, properly blended.

This mixture has been found the most drought resistant of all grasses and is recommended by the Minn. Experiment Station.

It is well suited for a long rotation, giving luxuriant pasture—appetizing and rich in protein, minerals and vitamins.

Sow 15 to 22 lbs. per acre, adjusting your grain drill as explained at bottom of column 1.

Price: 5 lbs. \$1.85, postpaid. See Blue Figure Price List.

All Season Pasture and Meadow Mixture

Earns AAA Payment of 25c per lb. used in reseeding depleted Minnesota pastures.

For all soils except low, wet ground. We offer this special pasture and meadow mixture designed to supply hay or grazing throughout the entire season. This mixture is made up of hardy, strong-rooted grasses and clovers which will resist the extremes of our cold northern winters and hot, dry summers, also endure close pasturing.

Pasture and hay lands, when used for feeding livestock, have shown more profits than most other kinds of crops. In the government program to curtail production of grains and corn, pasture and hay combinations are recommended to be planted on those acres which otherwise would be idle. In the past there has always been a shortage of high quality hay in many sections of the country and it will be many years before an oversupply can be produced.

This All Season Mixture includes Kentucky Blue Grass, Timothy, Red Top, Alsike, Red Clover, Brome Grass, Meadow Fescue, and Domestic Rye Grass in proper proportions. Sow at the rate of 20 to 25 lbs. per acre. Price: 5 lbs. \$1.75, postpaid. See Blue Figure Price List for larger quantities.

Permanent Hog Pasture Mixture

Earns AAA Payment of 25c per lb. used in reseeding depleted Minnesota pastures.

Permanent Hog Pasture Mixture contains the following mixed in the right proportion to produce the greatest feeding value:

Alfalfa.
Red Clover.
Alsike Clover.
Sweet Clover.

Meadow Fescue.
Domestic Rye Grass.
Bromus Inermis.
Timothy.

This mixture can be sown any time, from early spring until midsummer, and does not require any particular kind of soil, in fact, any soil that produces crops of small grain or corn, will answer the purpose. Because of the large amount of clover and alfalfa it contains, it serves the double purpose of providing the hogs with pasture of high feeding value, and building up the soil at the same time. Sow 25 lbs. per acre. Price: 5 lbs. \$1.75, postpaid. See Blue Figure Price List.

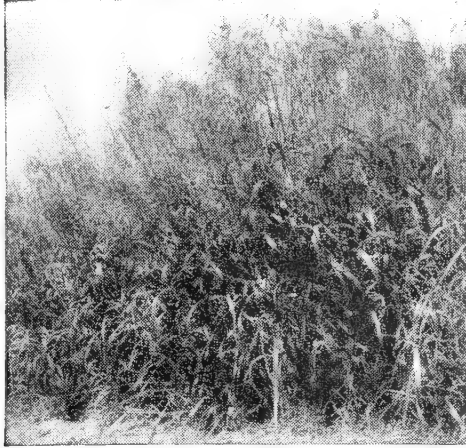
Annual Hog Pasture Mixture

ONE ACRE ENOUGH FOR 40 SPRING PIGS
OR 20 OLDER HOGS

This mixture will develop young pigs rapidly, and produce pork at a minimum cost. It contains all the necessary body and bone building elements, and will prove much more economical than the use of corn, grain and mill feed throughout the year. A good pasture of legumes, grasses and grains, will keep hogs in healthy condition, fatten them quickly, so that but little corn is required to finish them off. Contains Amber Cane, Vetches, Field Peas, Barley, Rye, Oats, Dwarf Essex Rape and Sudan Grass.

Sow at the rate of 60 to 75 lbs. per acre. Price: See Blue Figure Price List.

HARDY GRASSES and How to Sow Them



Brome Grass brings you 25c per lb. of seed sown, in AAA payments (see below). Makes a good hay crop or pasture. Valuable on hillsides, ditches or banks to prevent soil washing.

Brome Grass *Bromus Inermis*

Becoming important as a hardy hay and pasture grass and in combination with other grasses. Also called Smooth Brome Grass.

This vigorous, hardy perennial with strong, creeping roots, makes excellent hay and pasture on poor, dry soil or on moist, low ground that is flooded at times. Valuable on hillsides and terraces to keep soil from washing away. It starts early, two or three weeks before other grasses, remains green until November, and stands close cropping.

It grows three to four feet high, yielding two to four tons of palatable hay per acre. Cut for hay when in full bloom. Also a profitable seed crop.

Seeding with a grain drill is best as seed should be covered. Sow 18 to 20 lbs. per acre in rows six inches apart and $\frac{1}{2}$ to 1 inch deep. To sow 18 lbs. per acre, set drill at "12" (in pecks of wheat), and for 20 lbs., at "12 $\frac{1}{2}$." Extra help is needed to keep seed moving freely through the drill. Price: 5 lbs. \$1.50, postpaid. For larger quantities see Blue Figure Price List.

Crested Wheat Grass The Ideal Dry Land Pasture Grass

This hardy drought-resistant perennial bunch grass has a longer productive period than Slender Wheat Grass or *Bromus Inermis*. Minnesota Experiment Station trials proved Crested Wheat and Brome the two most drought-resistant grasses, and Alfalfa the most drought-resistant legume.

Its extensive root system permits an early and rapid growth. It becomes dormant during extremely hot, dry periods, but resumes growth in early fall, continuing very late. It grows at low temperatures and utilizes the soil moisture to check other grasses and weeds where moisture is limited. In semi-arid regions—Kansas, Nebraska, Montana, Wyoming and the Dakotas, this grass does best although it thrives anywhere. After hard use as sheep pasture, it comes right up again. Crested Wheat Grass produces 400 lbs. of seed per acre under dry conditions on two-year-old fields. Seed is in good demand.

It's Easy to Seed Crested Wheat

Seeding with a grain drill is best as seed should be covered. Sow 10 to 12 lbs. per acre in rows six inches apart, and $\frac{1}{2}$ to $\frac{3}{4}$ inch deep. To sow 10 lbs. per acre, set drill at "2" (in pecks of wheat), and for 12 lbs., set at "2 $\frac{1}{4}$." Well cleaned, heavy seed such as we offer, moves freely through the drill.

Fairway Strain of Crested Wheat

The University of Saskatchewan developed this shorter, more leafy strain which spreads from underground stems forming a good turf free from tufts. Survives extreme drought, hard use, and close clipping. Thus it's ideal for pasture, golf course fairways, farm and even city lawns subjected to long dry spells without artificial watering facilities. For lawn sow 1 lb. seed per square rod. Price: 5 lbs., \$1.50, postpaid. See Blue Figure Price List.

REED CANARY

(*Phalaris*)

This Peat and Swamp Land Wonder Grass has reclaimed many worthless swamps and is making real profits for hundreds of farmers. It does well in boggy soils, swamps and marshes.

Four to Six Tons of Hay Per Acre

The hay (of high feeding value) is relished by all livestock. One acre will pasture three to four dairy cows from early spring until fall. Close grazing is best, except in fall. For hay, cut when heads first appear. Then feeding value is highest.

This hardy perennial grass will thrive until broken up, and can be easily controlled by plowing. Seedlings and plants are cold resistant. Heads appear early in June and ripen four weeks later. Plants grow four to six feet high with broad, light green leaves. Underground stems rapidly form a tough sod that holds up hay-making machinery.

How To Grow the Crop

Prepare a good seed bed. Fall plowing allows early spring seeding. The seed will germinate in water, but if covered by soil underneath the water, it will not grow until the water is drained off.

It does well with companion crops like Flax, small grains, Timothy or *Bromus* which check weeds and shade the slower growing Reed Canary Seedlings until fully established. When past the seedling stage, it grows rapidly, crowding out other grasses and weeds.

Rate of Seeding

Sow any of these companion crops with Reed Canary Grass: Flax, 35 to 42 lbs. per acre; small grains, one-half the regular seeding; Timothy or *Bromus*, broadcast 4 to 5 lbs. per acre, all sown with the regular seeding of Reed Canary, as follows: Broadcast,



After Harvesting Reed Canary Seed, a Hay Crop Can Be Cut Immediately.

5 to 6 lbs. per acre; drilled, 2 to 3 lbs. per acre in 16 to 18-inch rows. Use a packer on peat after seeding.

Sow early in spring so seedlings become established before weeds start. On weedy land, seed late in June or early July, disking up to this time, to kill weeds. If difficult to get on land in spring, seed in August or October. Price: See Blue Figure List. 5 lbs., \$1.90, postpaid.

Kentucky Blue Grass

This famous grass does well almost everywhere on soil that is fairly rich, moist and moderately well drained. Blue Grass is the best of all grasses for lawns. Price: 5 lbs. \$1.75, postpaid. See Blue Figure Price List.

Meadow Fescue

This hardy western grass stands more abuse than Timothy and other grasses and will stand close cropping, drought and unfavorable soil conditions. Meadow Fescue grows two to three feet high and produces a very leafy undergrowth. In sowing alone, use 20 to 25 pounds per acre. Price: 5 lbs. \$1.90, postpaid. See Blue Figure Price List.

Timothy

A hardy perennial resistant to both cold and drought—it is best adapted for sowing with Clovers which supply nitrogen to the soil and increase the vigor of the Timothy. It may also be sown with grains as a nurse crop. The soil must be well pulverized and the seed slightly covered. Do not cut too early or pasture too late in the fall after the hay is cut. Timothy produces 1 $\frac{1}{2}$ to 3 tons of hay per acre and should be cut at flowering time. Sow 15 to 20 pounds per acre alone; with Clover, 10 to 12 pounds per acre. Price: 5 lbs., \$1.00, postpaid. See Blue Figure Price List.

Red Top

A hardy perennial grass found almost everywhere, but predominating on low, marshy ground, where it forms luxuriant growth. It grows 2 to 5 feet high, depending on soil and climatic conditions, with creeping roots, which enable it to grow on very wet and even very dry soil where other grasses grow but sparsely. It makes good pasture, and fair hay, if cut early, but the matured plants are wiry and coarse. (Grows best with other grasses and clover. Price: 5 lbs. \$1.35, postpaid. For larger quantities see Blue Figure Price List.

Domestic Rye Grass

This grass is well adapted for pastures, meadows and lawn, as it endures close cropping and makes a dense, leafy undergrowth. It thrives almost everywhere but grows best in moist moderately rich soil. Sow 20 to 30 pounds per acre. Price: 5 lbs. \$1.10, postpaid. For larger quantities see Blue Figure Price List.

Uncle Sam Will Pay Nearly 75% of Your Seed Bill!

For reseeding depleted pasture land, with partial seedings of grasses and legumes listed on this page, (also pages 62, 63, 64) Minnesota farmers can earn 1943 Government payments as follows:

BROME GRASS.....	Earns
CRESTED WHEAT GRASS.....	AAA Payment
REED CANARY GRASS.....	of 25c per pound
KENTUCKY BLUE GRASS.....	of Seed Sown
MEADOW FESCUE.....	
ALFALFA.....	Earns
RED CLOVER.....	AAA Payment
ALSIKE CLOVER.....	of 25c per pound
	of Seed Sown
TIMOTHY.....	Earns
RED TOP.....	AAA Payment
SWEET CLOVER.....	of 10c per pound
	of Seed Sown

HARDY NORTHERN GROWN ALFALFA SEED



LOOK FOR THIS TAG
ON EVERY BAG—IT'S
YOUR PROTECTION

We emphasize the importance of knowing where your Alfalfa and other Grass Seeds were grown. Cheaper, unadapted seeds should be avoided because they are more expensive in the long run, and not sufficiently hardy to withstand our northern winters.

Alfalfa Seed obtained from growers or shippers should be identified by the verified origin tags—this is your protection against mixtures, blends and unadapted seed.

As Verified Origin Seedsmen, any Alfalfas that we send you will be sealed and tagged, either with U. S. Verified Origin Certificates, or with certificate seal from the state in which it is grown.

GRIMM ALFALFA

Grimm Alfalfa was introduced by Wendelin Grimm in Carver County, Minnesota. It is a very hardy, time-tried variety, and has been tested thoroughly throughout the United States, in many foreign countries and Canada. It has many lateral or branching roots which are not found in common Alfalfas, and has large spreading crowns. It appears to grow better where there is a hardpan sub-soil to contend with than many other varieties. The root system undoubtedly plays a big part in its hardiness, enabling it to withstand soil heaving, freezing and thawing better than varieties having only a single taproot. The blossoms are variegated from white and yellow to deep purple.

Grimm Alfalfa produced in Minnesota, the Dakotas, Montana and Idaho, is known to be very hardy. Our Minnesota Grimm is produced largely in Lake of the Woods County, near the Canadian Border. Montana or Idaho Grimm is grown in the dry-land areas and is able to withstand severe drought as well as cold. Therefore, the strains of the Grimm Alfalfa that we offer, will give you complete satisfaction. Price: Lb. 70c, postpaid. See Blue Figure Price List for Large Quantities.

Common Alfalfa DAKOTA NO. 12

The old dependable strain
Minnesota-Dakota-Montana grown.

This is the most commonly grown variety in Minn., Dakota and Montana. It has given the best of results on all types of soil and under all climatic conditions. Our seed stocks come from fields that have been in Alfalfa many years and the plants which endure the extremes of hot summers, severe winters and dry, high altitudes are thoroughly hardy. As Dakota No. 12 is always in great demand, we suggest placing your orders as early as possible. The performance of this variety has made it extremely popular in southern Minnesota, Iowa, Illinois, and other states in the Mid-west and East. Price: Lb. 60c, postpaid. See Blue Figure Price List.



Alfalfa & Clover Seed Crops Shortest in Years!

According to government reports, seed crops of northern grown Alfalfa, Red, Alsike and Sweet Clovers, are the shortest in many years. Some of the reasons: (1) unfavorable weather conditions for legume seed crops, (2) tendency to reduce seed production when hay is in big demand, (3) tendency to divert hay acreage in general—to other vital war crops.

Tremendous Demand Expected

AS WAR DEPT. RESTRICTS NITROGEN

Huge quantities of commercial nitrogen formerly used for farm fertilizers are now needed for war-time explosives. For the "Duration" the farmer must grow legumes to obtain the needed nitrogen. Thus he will get nitrogen free from the air, instead of buying it in bags from fertilizer manufacturers. However, this places tremendous demands on short seed supplies which will be further strained by huge quantities to be shipped to our allies under "Lend-Lease." Large quantities also needed for new airports and training fields. We urge farmers to buy Alfalfa and Clover Seed early! Prices are higher for reasons above—BUT—See our Blue Figure Price List and compare with World War I prices below:

WORLD WAR I PRICES ON LEGUME SEEDS

	(Nov. 1, 1919)	100 lbs.
ALSIKE CLOVER	\$50.00
MEDIUM RED CLOVER	52.00
WHITE SWEET CLOVER	32.00
YELLOW SWEET CLOVER	30.00
GRIMM ALFALFA	70.00
COSSACK ALFALFA	90.00
DAKOTA NO. 12 ALFALFA	50.00

Compare Today's War-time Prices.

VARIEGATED ALFALFA

From Old Time Unregistered
Northern Fields

Equal to Registered strains for hardiness and hay production, and offered at a great saving in price.

Variegated Alfalfa is of a well known type with blossoms having a color range of white, yellow and purple. It is highly recommended but no definite records have been kept, and the fields therefore cannot qualify for registration. It has shown itself to be completely hardy in the most severe climates of Minnesota, Dakotas and Montana, and can be recommended as being very desirable for seeding in any part of the northern United States, where winter hardiness is essential. Lb. 65c, postpaid. See Blue Figure Price List.

COSSACK ALFALFA

Cossack Alfalfa was brought over from Siberia by Prof. Hansen of the South Dakota Experiment Station some years ago. This strain, under observance for five years in Russia, during which time not a single plant winterkilled, was proven to be absolutely hardy.

In recent years, the demand for Cossack has been increasing and there never has been sufficient seed to take care of all requirements.

Cossack Alfalfa produces a somewhat finer hay than many of the other varieties and is equally as hardy as Grimm.

Cossack Alfalfa seems to withstand intense cold, heat and drought equally well. The flowers, like those of Grimm, have a great range of colors, white, purple, yellow, striped, etc. We advise sowing 15 lbs. per acre. Price: Per lb. 70c, postpaid. See Blue Figure Price List.

LADAK ALFALFA—Wilt and Drought Resistant

Introduced in the U. S. in 1910 from the mountain regions of northern India by the U. S. Department of Agriculture. It was planted at Havre, Montana, in 1916 and showed no winterkilling for more than ten years. When it was distributed in small quantities, Ladak immediately proved so outstanding that its rapid distribution was assured. Other varieties of Alfalfa could not compete with it for winter hardiness.

Ladak is highly resistant to the wilt disease which has been causing such great losses in the hay-producing sections. It produces a larger first cutting than any other Alfalfa and this means a larger tonnage per acre under all conditions.

It is particularly well adapted to regions where only one or two crops are produced each year because of short growing seasons or where hot, dry summers prevail. Ladak continues to grow and produces a good crop of hay when other varieties are practically at a standstill. The hay is very leafy and of high feeding value and is of exceptionally high quality.

Ladak has a large branching root system similar to that of Grimm or Cossack. Seed supply very limited.

Price: Lb. 70c, postpaid. For large quantities see Blue Figure Price List. Write for special free circular on Ladak Alfalfa.



AAA Payments for 1943!

Total War dominates the farm outlook for 1943. All farm production must help win victory, yet your basic resource, the soil, must be safeguarded. The County Committee, (with approval of State Committee), designates those practices which will be approved for payment in the county, so that the soil-building allowance will be used most effectively to bring about added conservation, and the soil-building practices most needed. The following payments apply to Minnesota farms. Similar opportunities offered farmers in other states. See your County Committee or County Agent for details.



You too, can earn this extra cash:

- (1) For reseeding depleted pasture lands with partial seedings—consisting solely of (or a mixture of) these crops:
TIMOTHY RED TOP SWEET CLOVER
 the government pays you 10c PER POUND of seed sown!
- (2) For reseeding depleted pasture lands with partial seedings of these grasses described on page 61:
BROME GRASS CRESTED WHEAT GRASS KENTUCKY BLUE GRASS
REED CANARY GRASS MEADOW FESCUE
 or these legumes:
ALFALFA RED CLOVER ALSIKE CLOVER
 or these pasture mixtures described on page 61:
TIMOTHY & ALSIKE MIXTURE
BROME-ALFALFA MIXTURE
BROME CRESTED WHEAT GRASS MIXTURE
ALL SEASON PASTURE & MEADOW MIXTURE
PERMANENT HOG PASTURE MIXTURE
MIXTURE FOR LOW WET GROUND
 the government pays you 25c PER POUND of seed sown!
- (3) For seeding these green manure crops and incorporating them into the soil by plowing or discing before grain formation:
BARLEY SUDAN GRASS SWEET SORGHUMS
OATS MILLET or
RYE BUCKWHEAT
 Mixture of these
 the government pays you \$1.50 PER ACRE!
- (4) For harvesting for seed, an acreage (limit 6 acres per farm) of:
ALFALFA
RED CLOVER
ALSIKE CLOVER
WHITE CLOVER
SWEET CLOVER
TIMOTHY
REED CANARY GRASS
BROME GRASS
ORCHARD GRASS
CRESTED WHEAT GRASS
RED TOP
BLUE GRASS
 the government pays you \$3.50 PER ACRE!

In many cases these generous AAA Payments will cover 75% or more of your seed cost! (See Blue Figure Price List in front of catalog.)

MINNESOTA GROWN CLOVER SEED

Only Northern Grown Clovers
can be depended on for Hardiness

There is much complaint of worn-out soils, weeds and unprofitable crops coming from those who once secured bountiful yields and satisfactory profits when the land was new. Those who have used Clover regularly in the cropping system have no such complaints. Some kind of Clovers may be grown in practically every part of the United States. They have beneficial action on the soil and may be seeded with practically all kinds of grains. Clovers also serve as outstanding hay and pasture crops.

MEDIUM RED CLOVER

Medium Red Clover fits better into crop rotations than any other legume. It will increase the yield of succeeding crops, besides furnishing many tons of hay of high protein content. The first crop is usually cut for hay, before it comes into full bloom. The second crop may be cut for hay or seed or turned under, to fertilize the soil.

Red Clover is a biennial which means that it will grow for two seasons only and then must be reseeded. It is adapted to any well drained soil free from acidity and is better for general northwest conditions than any other clover. It furnishes luxuriant pasture and hay for cattle but is not quite so good for horses.

Sow Red Clover at the rate of 10 lbs. per acre with small grain or flax. Use about one-half or two-thirds of a normal seeding of grain or flax so as not to smother the clover. We use a clover seed attachment to the grain drill, sowing the seed ahead of the drills and cover it lightly with a harrow. Price: Lb. 45c, postpaid. See Blue Figure Price List.

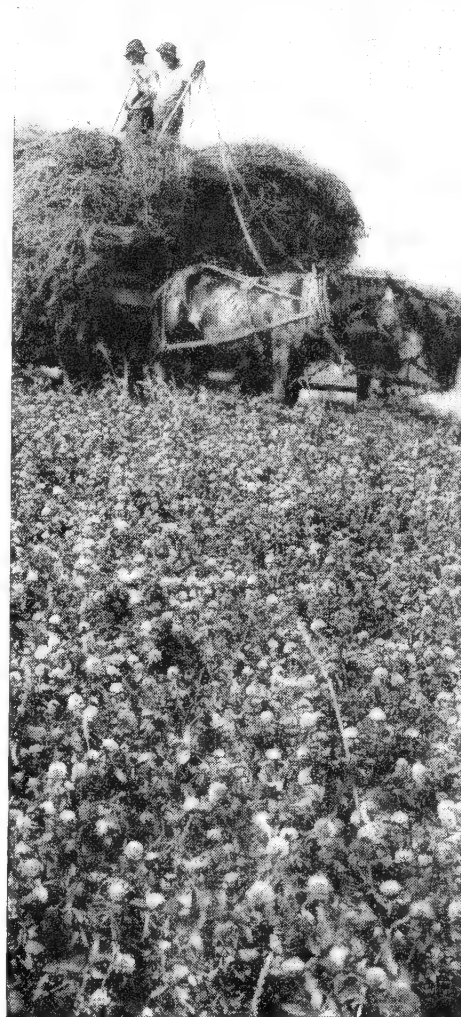
MAMMOTH RED CLOVER

Extremely hardy, and valuable for fertilizing poor soil which is too low and heavy for growing Red Clover. It makes the best permanent hog pastures, seldom freezing out, and produces a large crop of hay, as much as 3 to 5 tons to the acre. Sow 5 to 6 lbs. per acre, with small grain, for plowing under. For a hay crop, sow 8 to 12 lbs. per acre. Grows on acid soil where Medium Red and Alfalfa fail. Yields again as much as Medium Red Clover, though the hay is rather coarse. Price: Lb. 45c, postpaid.

See Blue Figure Price List for Quotations on All Farm Seeds.

WHITE CLOVER

Best for lawns and pastures. White Clover is sown mostly in mixture with other grasses, especially with Blue Grass, for lawns, golf grounds, also for pastures for sheep and cattle. It thrives best in moist soil containing lime and considerable humus, but is also grown on sandy soil which is not too loose and dry. For lawns sow 5 to 6 lbs. mixed with grass seeds, to the acre. Price: 1/2 lb. 50c, 1b. 90c, 5 lbs. \$4.25, prepaid. See Blue Figure Price List.



Your Money Can Buy No Finer Seed Than
Master Farmer Red Clover.

NEW CUMBERLAND RED CLOVER

This hardy new Red Clover is a composite of equal proportions of three superior old strains grown in Kentucky, Tennessee and Virginia. It is the result of 12 years of breeding, testing and increasing, and was developed through a co-operative program of the Kentucky, Tennessee, Virginia, Idaho, Montana, Washington, Utah, Colorado and Oregon Experiment Stations and the International Crop Improvement Association, also the U. S. Dept. of Agriculture. New Cumberland has high resistance to anthracnose and crown rot. It is well adapted to winter and summer conditions of the Medium Red Clover Belt, has very good growth characteristics, and has proved perfectly hardy in the North. Our seed is Montana grown, certified Blue Tag, but the available supply is small, so we urge you to order early. Price: Lb. 50c, postpaid. See Blue Figure Price List.

ALSIKE CLOVER

Alsike Clover has the same soil-building properties as Red Clover, storing nitrogen in the soil, thereby increasing the yields of succeeding grain and corn crops from 25 to 50%. It is a true hardy perennial, with fiber instead of tap roots, and is not injured by thawing and freezing.

Alsike can be sown on soil that is slightly acid or sour, where lime cannot be applied, and where other clover or alfalfa will not grow. It can be sown on heavy, wet, or low soil that sometimes becomes waterlogged, and also endures drought well.

It makes better hay than Red Clover, because of its fine smooth leafy foliage. Its feeding value is nearly equal to that of alfalfa. It makes fine pasture, as it is extremely hardy.

The seed of Alsike is very fine, therefore, only 7 or 8 pounds per acre are required. As a seed crop, it is often more profitable than Red Clover. It is cut for seed when two-thirds of the heads are ripe.

Alsike Clover has its place in the crop rotation the same as Red Clover and for best results is usually reseeded at the end of two years' growth. Price: Lb. 45c, postpaid. See Blue Figure Price List.

TEST YOUR OWN SOIL!

SOILTEX SOIL-TESTING KIT—Enables you to tell if soil needs lime (and how much) to grow Alfalfas, Clovers and other Legumes. Easy to use. Full directions. Complete kit, \$1.00, postpaid.

**Enrich Your Land
Make Cheap Hay**

Plant Sweet Clover

**Get AAA
Payments**
(See Page 63)



White Blossom Tall Biennial Sweet Clover.

This makes the rankest, tallest growth of any clover, producing the biggest hay crops and most luxuriant pastures. Because of its dense growth and the great size of its root system, it is the best soil enricher and green fertilizer. It is the best crop to grow to prepare the ground for a stand of alfalfa.

The plant looks much like alfalfa, especially when young, but the leaves are not quite as smooth, and taste slightly bitter. It forms a main stem from which the side branches grow, while in alfalfa the crown sends up numerous shoots.

Our seed is of fine quality, free from foul weed seeds, and of highest germination. Price: Lb. 35c, postpaid. See Blue Figure Price List.

Yellow Blossom Dwarf Biennial Sweet Clover.

This variety grows shorter and is finer and more spreading than the white. It makes a very fine quality hay and pasture. Yellow Blossom Sweet Clover is 10 to 15 days earlier in maturing its seed, and where seasons are very short or unfavorable, there is an advantage in sowing this strain.

It can be cut for hay very early, and close to the ground, whereas the white must be cut high. It is also excellent for bees, supplementing the use of the white variety, and extending the season, on account of its earliness. Price: Lb. 35c, postpaid. See Blue Figure Price List.

Grundy County Dwarf Biennial Sweet Clover.

Grundy County Sweet Clover is preferred by many farmers since it does not grow quite as tall as the common White Blossom variety and it produces finer stems and a greater number of leaves, making it better adapted for hay purposes.

It matures earlier so that the hay crop can be cut before the small grain is harvested. It produces a seed crop earlier than other varieties and this is an advantage in many localities that are subjected to early frosts. The hay cures more rapidly than the common tall variety and is very palatable.

Grundy County Sweet Clover makes an excellent pasture but it does not last as late in the season as the common tall variety. Price: Lb. 35c, postpaid. See Blue Figure Price List.

Hubam

Annual Sweet Clover.

Hubam is an emergency pasture and hay crop to be sown in seasons where drought, freezing injury or other adverse conditions have wiped out pastures and meadows, leaving the farmers without any definite hay prospects. Hubam is a rapid grower and once it is well established can be pastured as you would pasture the biennial varieties of Sweet Clover.

Hubam is an Annual Sweet Clover. It is best suited for the Corn Belt section. It grows from 3 to 7 ft. high. It will produce as much as 3 tons of hay per acre, cut just before blossoming time. It grows on any good non-acid soil, and should be sown alone the same rate as other sweet clovers. Hubam will produce a seed crop in this latitude, in favorable growing seasons. Price: Lb. 40c, postpaid. See Blue Figure Price List.

Free Sweet Clover Booklet with your order on request.

Legume crops such as Sweet Clover will be in greater demand than ever before because of increased plantings for the maintenance of fertility under the U. S. Soil Conservation Program. Sweet Clover cannot be surpassed for soil improvement due to its rapidity of growth, large tonnage produced and its comparatively low seed cost.

Sweet Clover as a Hay or Pasture Crop

Sweet Clover is a leading crop in the United States. As a biennial legume, it fits in with any crop rotation, besides yielding a very large return of hay and pasture. Sweet Clover may grow one to three feet the first season and may be clipped for hay or pastured lightly if it makes a good growth. During the second year it grows very dense and rapidly and if cut for hay, it should be done early in the season, before the blossoms appear and the stems become woody.

Cut Sweet Clover six to eight inches above the ground. Allow the hay to wilt a few hours, then place in small cocks until it is dry enough to stack. One acre furnishes pasture for two to four cows throughout the season. Cattle rarely bloat on it.

As a Soil Builder and Weed Control

Sweet Clover grows on clay, sandy, alkaline, or gumbo soil. It prevents drifting of shifting sandy soils. The hardpan subsoil is loosened by the heavy penetrating roots, allowing the necessary aeration and depositing large quantities of humus and nitrogen. Sweet Clover is a rank, dense grower of great value in exterminating weeds such as quack grass, thistle, etc.

Use 15 lbs. of scarified seed per acre with a nurse crop of one-half the usual seeding of grain or 28 to 35 lbs. of flax per acre. Firm the seed bed well after planting. Inoculate with Nitragin.

“THE FIGHT AGAINST HUNGER”

500,000,000 People to be Fed by U. S. Farmers!

(Reprinted from “Farm Journal,” Jan., 1943)

There can be no food surplus in 1943 and for five or ten years thereafter. It will be a breathless gallop to keep up with demand.

The 10,000,000 fighters who will be in service by July 1 will eat three times as much meat as they ate in civilian life, and proportionately more dairy products, vegetables and fruit. More farm products will be routed into manufacturing for use as oils, plastics, synthetic rubber, cloth and fuel.

Russia and Great Britain, with populations totalling 194,000,000, want more food from America in 1943. When the United Nations begin to roll the Axis back across Europe and Asia, U. S. farm crops must feed the French, Greeks, Serbs, Burmese, Chinese and Filipinos until they can get back on their feet. Herbert H. Lehman, the ex-governor of New York who has been appointed national director of Foreign Relief and Rehabilitation in the State Department, says that at least 500,000,000 people in Europe and Asia must be fed by us, during and after the war.

In short, the American farmer is expected to produce crops for a world-wide system of “home relief,” as well as for his own folks. That may not be the nicest way to say it. But it's true . . . and necessary.

APPROX. 70,000,000 LBS. OF AIR-NITROGEN ABOVE EVERY ACRE. THIS IS AVAILABLE FREE FOR SOIL AND CROP IMPROVEMENT IF YOU

CONVERT LEGUME SEEDS INTO FERTILIZER PLANTS

Inoculating by with

NITRAGIN 1898

ALFALFA RED CLOVER SWT. CLOVER COWPEAS PEAS VETCH A. W. PEAS SOYBEANS LESPEDEZA PEANUTS BEANS ALL LEGUMES

BUILD UP YOUR SOIL Inoculate Your Legumes With NITRAGIN

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA Sweet Clover, Bur Clover, Hubam Clover

Size	Retail
1/2 bu. ea.	\$.30
1 bu. ea.	.50
2 1/2 bu. ea.	1.00

CLOVERS

Medium and Mammoth Red, Alsike, Crimson and White Clovers

1/2 bu. ea.	\$.30
1 bu. ea.	.50
2 1/2 bu. ea.	1.00

PEAS (All Varieties)

VETCHES (All Varieties)

1/2 bu. ea.	\$.25
1 bu. ea.	.35
1 1/2 bu. ea.	.50
12 1/2 bu. ea.	3.50

BEANS

String, Wax, Kidney

1/2 bu. ea.	\$.25
1 bu. ea.	.35
1 1/2 bu. ea.	.50

LESPEDEZA Hulled or Unhulled

Size	Retail
Small (Inoculates up to 50 lbs. seed)	\$.35
Large (Inoculates up to 100 lbs. seed)	.50

LIMA BEANS, COW PEAS and PEANUTS

Small (Inoculates up to 120 lbs. seed)	\$.30
5 bu. ea.	.55
25 bu. (one can) ea.	2.50
30 bu. (one ctn.) ea.	3.25
(Contains 6-5 bu. cans)	

SOYBEANS (All Varieties)

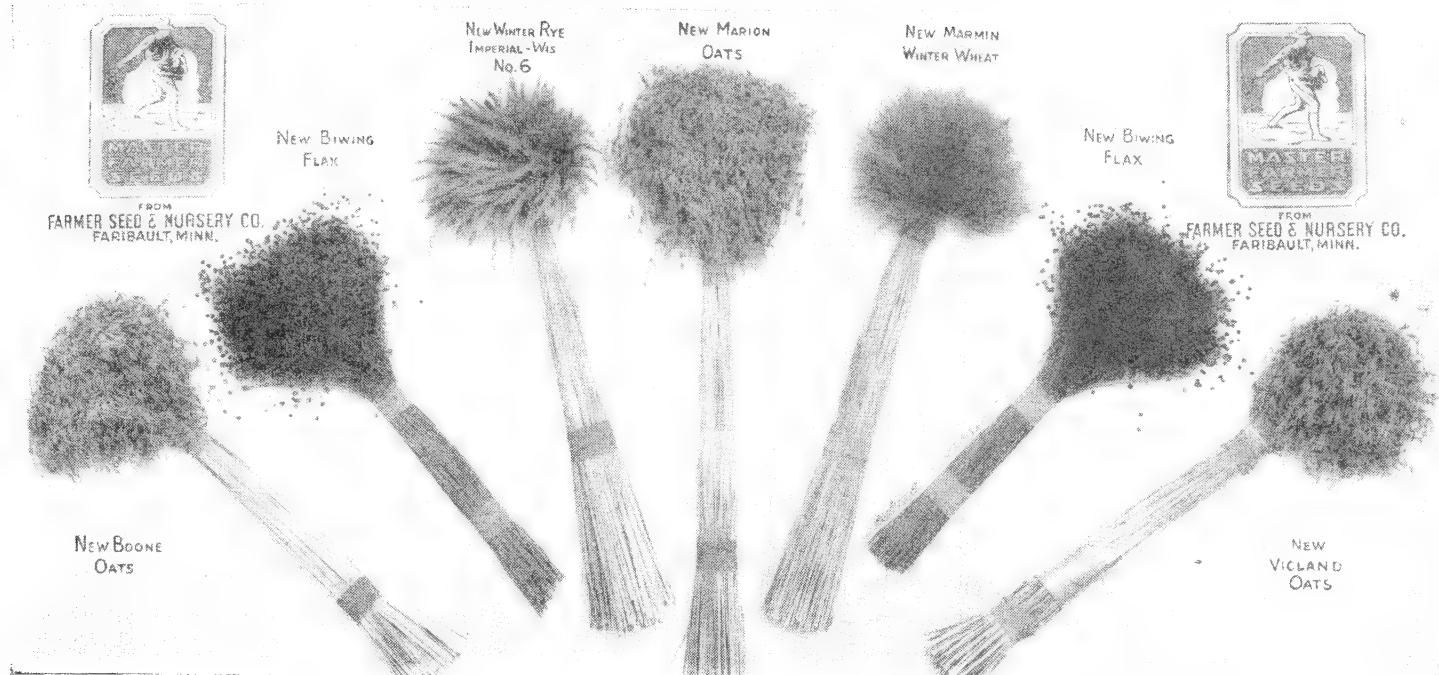
Small (Inoculates up to 120 lbs. seed)	\$.30
5 bu. ea.	.55
25 bu. (one can) ea.	2.50
30 bu. (one ctn.) ea.	3.25
(Contains 6-5 bu. cans)	

GARDEN SIZE

Garden Peas and Beans Sweet Peas and Lupines Enough for 6 lbs. seed Retail Price 10c each.

NITRAGIN—Oldest and Most Widely Used Inoculator in America

Plant Quality SEED GRAINS for "All-Out" Production!



IMPROVED SEED GRAINS PRODUCE GREATER YIELDS OF BETTER QUALITY CROPS

Be sure to keep posted on the newest varieties developed by our Northern Experiment Stations and the U. S. Dept. of Agriculture. These new grains will bring greater returns from your investment in land and labor, due to better yields, better quality crops, and better resistance to rust, wilt, smut and other diseases.

Read all about these new grains that are destined to play a leading role in the Northwest Farmer's War-time Production:

NEW OATS, VICLAND, BOONE, MARION.....Page 67
 NEW FLAX, BIWING.....Page 71
 NEW WINTER WHEAT, MARMIN.....(Below)
 NEW WINTER RYE, IMPERIAL.....Page 66
 NEW SPRING WHEAT, RIVAL.....(Below)

Spring Wheat Varieties for the Northwest

New RIVAL Spring WHEAT

Rival is a cross between a selection from Ceres, and (Hope x Florence) developed by North Dakota Experiment Station and U. S. Dept. of Agriculture.

It's a bearded mid-season, high yielding, hard red spring wheat. Plant is mid-tall and kernels quite large. Resistant to stem and leaf rust, bunt and loose smut.

Rival has a higher bushel weight than Thatcher and equals Thatcher in milling and baking quality. Recommended for southern Minnesota by the Minnesota Experiment Station because its high resistance to leaf rust makes it yield heavily, and spring wheat fits well in the rotation.

Recommended by the American Society of Agronomy, the Northwest and Minnesota Crop Improvement Associations and the Minnesota Experiment Station.

Improved THATCHER WHEAT

Improved Thatcher Wheat was developed by the Minnesota Experiment Station and the U. S. Dept. of Agriculture, from a double cross of (Marquis x Iumillo) x (Marquis x Kanred).

It is a beardless, hard red spring wheat of high yielding ability, and outstanding milling and baking quality. Has a very strong straw and is highly resistant to stem rust, loose smut, and moderately resistant to bunt.

However, Thatcher is quite susceptible to leaf rust, and therefore we do not recommend it for southern Minnesota. But in central Minnesota, the Red River Valley, and similar territories, where leaf rust is not severe, Thatcher gives very good results.

Thatcher is on the recommended list of the Minnesota and the Northwest Crop Improvement Associations.

Best Winter Wheat

New MARMIN Winter WHEAT

This new bearded winter wheat with better milling quality has just been released by Minn. Experiment Station. It's a selection from a cross of Marquis (spring) and Minturki (winter wheat). New Marmin combines all the desirable qualities of each. It equals Minturki in yield, rust resistance and winter hardiness. It surpasses Minturki in bushel weight, hardness of grain, and crumb color of bread. Because of this better milling quality and greater bushel weight, Marmin will probably grade higher on the market. Approved by American Society of Agronomy.

MINTURKI WINTER WHEAT

Minturki is the outstanding hardy winter wheat. It is a high yielding bearded hard red winter variety of high milling and baking quality and good protein content. It is stiff strawed and stands up well on rich land.

For Prices: See Blue Figure Price List.

Treat Seed Grains to Prevent Smut



All seed grains including wheat, barley, oats, rye and flax are susceptible to smuts of various kinds which reduce the yields from 10% to 50% in many instances. Some varieties are attacked more vigorously than others, but no matter how susceptible the variety may be to smut, it can be controlled almost entirely by simple methods. Formaldehyde and Copper-carbonate have been used extensively in the past for treating smut in grains, with only fair to good results.

The Best Treatment To Use Is New Improved Ceresan

New improved Ceresan is a dust treatment—no wet, swollen grain to handle. It may be applied with a regular seed

treating machine or with a scoop shovel. A measuring spoon will be found in each can.

The grain produced has a higher market value because it is free from smut. Only one-half ounce of New Improved Ceresan is needed per bu. of seed. It is quickly and easily applied as a dust by use of a rotary seed treating machine or by the shovel method. After treating, the seed should be stored in a pile or in sacks for 24 hours before planting.

New Improved Ceresan controls stinking smut of wheat, loose and covered smut of oats, black loose smut and stripe in barley. Ceresan is inexpensive, costing only about 2c per bu. of seed. This is the lowest cost of any seed treatment on the market. By using New Improved Ceresan you may increase the yield of grain by 10% to 20% or more.

Improved Ceresan: 4 oz. (treats 8 bu. of seed grains), 30c, 1-lb. tin 85c, postpaid; not prepaid, 5-lb. tin \$3.40.

Good Seed Grains, When Treated with Ceresan, Produce Larger Yields

The Best in Barley WISCONSIN BARBLESS (WIS. 38)—Registered

Very popular in the north central barley producing area of the U. S. and widely known as "Wisconsin 38." Developed by Wis. Exp. Station as a selection from a cross of Oderbrucker and Lion. It is six rowed, smooth awned, with excellent white kernels of splendid malting quality. High resistance to barley stripe and spot blotch and a very good yielder. It matures 4 to 5 days later than Oderbrucker. The ten year average yield of Wis. Barbless was 33½ bu. per acre, compared with 27 bu. per acre for Oderbrucker. Approved by American Society of Agronomy in 1940. Our quality seed stocks this year were produced from new, pure foundation stocks only one generation removed from hot water treatment.

OUTSTANDING CHARACTERISTICS:

First—Smooth-bearded. Makes barley easy to handle and has stimulated barley production.

Second—Resistance to hot weather. Appears able to stand more heat. It matures a few days later than Glabron and Velvet; but its resistance to hot weather and its long, stiff straw enable it to stand up and develop larger kernels than earlier varieties.

Third—Yields heavily. Wisconsin Barbless has produced as high as 70 bushels per acre. In Wisconsin tests, it has always outyielded any common barley grown in comparison with it.

Fourth—Finest for malting. Wisconsin Barbless Barley is greatly desired by the manufacturers of malt and will command a premium on the market. See Blue Figure Price List.

Winter Rye

New Imperial Wisconsin No. 6

This new hardy, high yielding Winter Rye was developed by selection at the Wisconsin Experiment Station, (Wis. Ped. No. 6). It differs from the older pedigree strains in being pure for colorless seed and is often called "white rye." The five-year average yield for this excellent variety at the Waseca Experiment Station is 47 bu. per acre—a most outstanding record of performance. It is well adapted for all regions of Minnesota and the Northwest and has been so superior in performance that it has been placed on the recommended list by the Minnesota Experiment Station. See Blue Figure Price List.

Speltz or Emmer

A valuable grain belonging to the wheat family. Kernels are tightly enclosed in hulls which adhere at threshing. Speltz has a feeding value equal to oats, and only slightly less than barley and corn. It is extremely rust resistant, and will not lodge like other grains, because of its stiff heavy straw. Speltz can be grown on many kinds of soil, rich or poor, throughout Minnesota, Iowa, Wisconsin, and the Dakotas.

Speltz makes wonderful feed and is especially fine for hogs and poultry. Sow 1½-2 bushels per acre, adjusting the drill the same as for oats. See Blue Figure Price List.

Buckwheat

An excellent catch crop, which may be sown after harvesting winter wheat or rye or on newly broken ground. Its greatest value lies in the fact that it is the best and surest means of getting rid of quack grass.

JAPANESE—Largekerneled, dark brown and early. It is very productive, and an excellent feed for cattle and hogs. Sow from June 1 to July 1, 3 pecks to the acre.

SILVER HULL—A thin shelled buckwheat, with silvery grey kernels of medium size, very sound. Silver Hull is a prolific grower and heavy yielder, and makes fine buckwheat flour. Excellent for bees.

See Blue Figure Price List.

ALARMING PERCENTAGE of DISEASE FOUND in 1942 SEED CROP! CERESAN TREATMENT URGENT THIS YEAR

University of Minnesota tests on hundreds of samples indicate a serious infection of seed-borne disease in WHEAT, OATS, BARLEY, FLAX, SOY-BEANS and GRASSES. These tests were made on samples of 1942 crops grown throughout the Northwest. In many samples the amount of infection ran as high as 70% to 80%. Consequently Ceresan treatment of these seeds will be vital to secure a good stand in 1943.

U. of Minn. Plant Pathologists state that the increase in your yield due to seed treatment will be in direct proportion to the amount of seed-borne disease present in the seed. Consequently, with so much infection in all the above seed stocks this year, a much better yield may be expected by Ceresan treatment.

The University suggests that farmers insist on high germinating seed, and they urge treating the seed with Ceresan or other approved treatments.

All our seed stocks are of finest quality and very high in germination. We recommend Ceresan treatment (fully described on page 65) to insure a good stand and boost production for the 1943 war effort.

PRODUCTION: 1942 Reported Production and 1943 Goals (United States)

Commodity	Acres or Numbers	1942 Reported Production	1943 Goals	1943 Goal as Percentage of 1942 Reported Production
		Thousands	Thousands	Per cent
Wheat.....	A	53,427	52,500	98
Rye.....	A	3,868	3,600	93
Corn.....	A	91,098	95,000	104
Oats.....	A	40,600	37,300	92
Barley.....	A	18,193	18,000	99
Grain Sorghum.....	A	9,221	10,000	108
Hay, All*.....	A	72,710	71,100	98
Flaxseed.....	A	4,675	5,000	107
Soybeans for beans*.....	A	10,900	10,500	96
Dry Beans.....	A	2,376	2,800	118
Dry Peas.....	A	530	665	125
Sugar beets.....	A	1,061	1,050	99
Potatoes.....	A	2,845	3,160	111
Truck Crops.....	A	1,738	1,720	99
Hay Crop Seeds.....	A	3,339	4,709	141
Hemp.....	A	300	300	100
Cattle and Calves†.....	Lbs.	10,160,000	10,910,000	107
Sheep and Lambs.....	Lbs.	1,009,000	990,000	98
Hogs.....	Lbs.	10,800,000	13,800,000	127
Lard.....	Lbs.	2,500,000	3,400,000	136
Milk.....	Lbs.	120,000,000	122,000,000	102
Eggs†.....	Doz.	4,414,000	4,780,000	108
Chickens†.....	Lbs.	3,118,000	4,000,000	128
Turkeys.....	Lbs.	485,000	560,000	115

*Harvested acres. †Dressed weight. ‡Total production.

BOOKS—FOR EASIER WAYS OF DOING THINGS — NEWEST IDEAS DESCRIBED AND ILLUSTRATED —

HOW TO GROW A VICTORY GARDEN. When and what to plant. Treats on the garden plan, seed selection, soil preparation, fertilizers, tools, cultivation, insects and diseases, harvest and storage. Garden fruits and vegetables, planting table, etc.—64 pages nicely illustrated. Price 20c, prepaid.

250 WAYS TO SERVE FRESH VEGETABLES. Recipes for delectable dishes of every vegetable. Importance of vegetables to healthful meals. Mineral and vitamin content of fresh vegetables. Selection and preparation of vegetables. 48 pages beautifully illustrated. Price 20c.

500 DELICIOUS SALADS. Appetizer salads, fruit salads, salad bowls, vegetable salads, moulded salads, salad plates. Chicken salads, fish and meat salads, frozen salads, salad garnishes and dressings. Beautifully illustrated. All newest suggestions. 48 pages. Price 20c.

250 WAYS TO PREPARE MEATS. New ideas and old favorites, plus pages of pictures that show exactly what to do. How to buy economically, prepare frozen meats. Chart of meat cuts, time and temperature tables. Tells how to prepare beef, lamb, pork, veal, sausages, game, etc. 48 pages. Price 20c, prepaid.

COUNTRY KITCHEN COOK BOOK. Especially prepared from the best country kitchen recipes—revised and up to date. A storehouse of information—handily indexed. All recipes and menus are accurate, dependable, tested and approved. Everything you want to know about cooking and baking, serving and entertaining. Hundreds of recipes—many charts and illustrations. Makes a wonderful gift. Price 50c, prepaid.

TREES AND TREE PLANTING. The Tree, man's best friend. Planting and care of Trees—names of Trees—description of varieties—many cuts and illustrations. Pocket size, paper covers, 95 pages. Price 50c, ppd.

CHICKEN FARMING. For flock owners of 50 to 1,000 chickens. Contains practical information on breeding and incubation—rearing chicks—feeding chickens—housing and equipment. Marketing capons and caponizing—chicken diseases, etc., 134 pages. Price 25c, ppd.

TURKEYS. By Prof. A. C. Smith, College of Agriculture, U. of Minn. Turkey raising now very profitable if properly conducted. Book explains varieties, management, breeding, stock, housing, feeding, eggs, incubation, care of poults, marketing, killing, dressing, diseases, parasites, etc. A most valuable book for poultry men—132 pages. Price 50c, ppd.

HUNTING SMALL GAME. Every one interested in hunting can profit from reading this book. Treats on shotgun types—lengths, accessories—gauge and choke—shells and small game shooting. Guns for upland game—guns for wildfowl, wing shooting, shooting crows, shooting small game with rifle—care of guns—safety in the field—how to dress game. 75 pages. Price 25c, ppd.

HOW TO TRAP. A manual of baits, scents and traps to use for all common fur bearers. How to make sets for muskrats, opossum, skunk, raccoon, weasel, mink, lynx, foxes, coyote, wolf, martin, otter, beaver, badger, wolverine, trapping pests—skinning, stretching hides—50 pages. Price 25c, ppd.

BIRDS OF THE MIDWEST. A bird lover's guide, pocket size. Classified by color and habit. Describes 213 birds, most of which inhabit Minnesota—the two Dakotas, Wisconsin, Iowa, Nebraska, Indiana, Illinois, Michigan, Ohio, Kansas and Missouri—67 pages. Price 50c, ppd.

Best Early Oats for the North

GOPHER OATS

Gopher is a white, early maturing variety with straw so stiff and strong that it does not lodge even on well-manured farm land. It is also adapted for growing on peat land. It is without any question the best oats for the rich dairy farms of southern Minnesota, Iowa and Wisconsin and unequalled for sowing with clover and alfalfa as a nurse crop.

This variety was developed by the Minnesota Experiment Station and has become widespread throughout the Northwest. Excellent reports, not only from Minnesota but from North and South Dakota, Wisconsin and Iowa, show that Gopher is still leading in yield, earliness and stiffness of straw.

The oat crop in many sections was very light, having been damaged by adverse weather conditions and the demand for seed will be quite great. Our stocks of high quality certified seed oats are reasonably large, especially the Gopher variety but with the strong demand may not last long. **For Prices: See Blue Figure Price List.**

NEW BOONE OATS

Boone originated from a cross of Victoria and Richland and was developed co-operatively by the Iowa Agricultural Experiment Station and the U. S. Dept. of Agriculture. An early yellow common oat with short stiff straw like that of the Richland parent. Outstanding characters are: early maturity, high yield, and quality, and high resistance to nearly all races of stem rust, crown rust, and the smuts of oats. Approved for Registration by the American Society of Agronomy in 1939.

NEW MARION OATS

A selection from a cross of Markton and Rainbow. Developed by the Iowa Agricultural Experiment Station and the U. S. Dept. of Agriculture. Marion is an early white common oat with midtail to tall plants, and stiff straw, and plump kernels. Outstanding characters are: early maturity, high yield, and high test weight, with kernels of the best type for milling and for feed. It also has stiff straw, and splendid resistance to stem rust, smut, and certain races of crown rust. Approved by American Society of Agronomy. Commercial millers and cereal manufacturers pay a premium for this new variety because of its excellent kernel type.

NEW VICLAND OATS

A new early yellow oats developed by U. S. Dept. of Agriculture from a cross of Victoria and Richland. 50% greater yields are reported for this new oats in hundreds of trials by the Wisconsin Experiment Station. Vicland has proved resistant to rusts and smuts prevalent in the North Central States. It's an exceptionally heavy yielder with a short straw of good strength and grain of very high test weight. New Vicland has been approved for registration by the American Society of Agronomy. Seed supply is limited, so order early to avoid disappointment. **See Blue Figure Price List.**

NEW IOWA SELECT NO. 52

This new variety of oats was developed from a plant selection of Iowa 105, at the Iowa Experiment Station. It has the outstanding characteristics of a fine quality oat—namely, lodging resistance through stiffness of straw, rust resistance, early maturity and high yields. An open-panicked oat with excellent quality yellow grain, fairly thin hull, and especially fine for feeding young pigs. It is recommended for sections in southern Minnesota and Iowa where an early maturing variety is desired. **See Blue Figure Price List.**

SEE BLUE FIGURE PRICE LIST
in front of Catalog for prices on all farm seeds. Order early while good quality, high germinating seed stocks are still available.



NEW HULLESS OATS "NAKOTA"

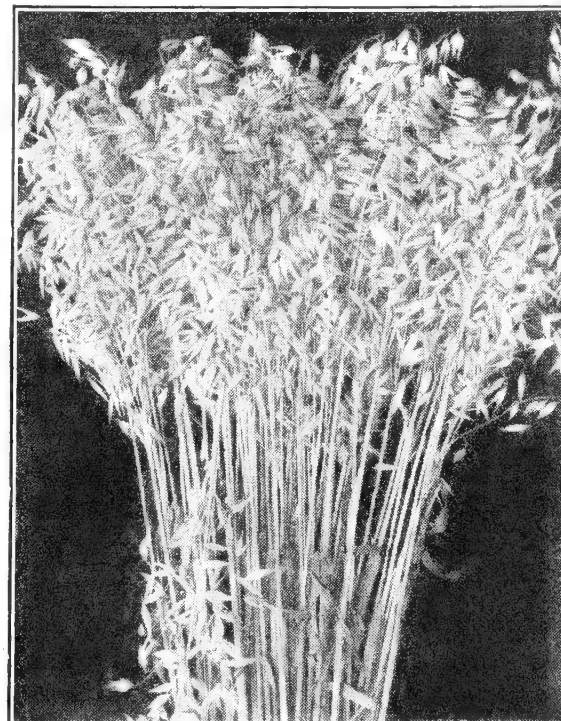
Minnesota Accessory No. 741

Nakota Hulless Oats was developed by the South Dakota Experiment Station from a double cross (Markton x Richland) x (Swedish Select x Kilby). It is early maturing, and just a day or two later than Gopher, and very resistant to stem rust, also immune to smut. The yield compares favorably with the standard hulled varieties when allowance of 30% is made for weight of hulls. After thorough testing it was placed on the recommended list of the Minnesota Experiment Station.

Hulless Oats are very popular for feeding young pigs and poultry.

In many seasons, due to adverse weather conditions, crops of oats have been very light in weight. Light oats have a high percentage of hulls and therefore lots of fibre which has little value for feeding pigs. Hulled oats make an excellent feed for little pigs and about 165 lbs. of fairly heavy whole oats will make 100 lbs. of hulled oats.

The recommended rate of seeding is about 50 lbs. per acre, as this variety stools very heavily. Order early. **See Blue Figure Price List.**



New Marion Oats brings a premium on the market.

Midseason and Late Varieties

MINRUS OATS

Rust Resistant

Minrus matures about half way between Gopher and Anthony; produces white glumes and has a spreading panicle. It is about equal in height and stiffness of straw to Anthony and is highly resistant to black stem rust. It was produced by the Minnesota Experiment Station from a cross of Minota and White Russian.

Observations to date indicate that Minrus will outyield Gopher Oats on any ground except the very richest. Gopher Oats should be used on the rich soils as it is more able to resist lodging under those conditions. Minrus should be very popular on lighter soils where Gopher Oats does not get tall enough to handle well.

Minrus may be grown with varieties of spring wheat as succotash as it is a few days later than Gopher. Minrus has already met with great favor wherever tried. **For prices, see Blue Figure Price List.**

VANGUARD OATS

Now Recommended by Minn. Exp. Station for Northwestern Minn.

Produced by the Dominion Rust Research Laboratory, Winnipeg, Manitoba, as a selection from the cross of Hajira and Banner. A mid-season, open-panicked, white grain variety. Outstanding characters are: high yield, stiff straw, and resistance to black stem rust. Placed on the recommended list in 1941 by the Minnesota Experiment Station, and recommended for Northwestern Minnesota, and other similar territories. **See Blue Figure Price List.**

FREE: FARMER'S READY RECORD BOOK

A 24-page Farm Accounting Record that enables the farm operator to keep accurate information on farming transactions to conform with income tax regulations. Indispensable to the American Farmer of today! Sent FREE on request with your Farm Seed or Nursery order of \$2.00 or more—or with a Garden Seed order of \$1.50 or more. Out-right purchase price, 25c.

Wheat and Oats

Profitable Combination Crop

A profitable practice is to grow oats and wheat in combination. Yields of 50 to 60 bu. of oats and 20 to 30 bu. of wheat per acre have been reported. A combination crop returns more profit per acre than either wheat or oats separately. Use 1½ bu. of oats and ¾ bu. of wheat per acre. Thatcher grown with Minrus or Anthony Oats gives the best results as they ripen about the same time. Other good combination crops are barley with early oats, wheat with flax.

Treat Seed Oats— Be Sure to use Ceresan This Year!

U. of Minnesota tests on many hundreds of samples, indicate an alarming infection of seed-borne diseases in wheat, oats, barley and flax harvested in 1942. Ceresan controls these diseases, improves your stand—producing bigger, cleaner crops. Highly recommended. Easy to apply—also used for wheat and barley. One pound treats 32 bushels.

Price: 4 oz. 30c; 1 lb. 85c, prepaid. See page 65.

MASTER HYBRIDS are Bred for the NORTH

See Blue Figure Price List
in front of catalog



MASTER IDEAL HYBRID SILO CORN (F-106 Maturity 115)

Now we offer a HYBRID—developed from our famous Ideal Silo Corn! Nine foot plants carry ears 3 feet from the ground. The 9 to 10 inch ears are packed with 16 rows of deep, soft-starch, yellow kernels of high feeding value.

Fifteen tons of quality silage per acre! Silage is best when corn is "medium dented." Then the entire plant contains 70% moisture, and ears are well developed—while plant remains green.

Master Ideal Hybrid is splendid for silage in all zones—figuring maturity at 10 days later than for grain production. Be sure to try this great new silage producer!

Bert Hanson of Vernon Center, Minnesota, and his record fields of Master Hybrid F-101 grown for the 1942 State Corn Husking Contest (cancelled for the duration).

MASTER F-80 (106 Maturity)

An outstanding veteran performer in Minn. State Yield Trials. Previously classed as a 110-day hybrid, its ability to dry out rapidly in fall, and show low moisture content at harvest, have earned it a 106 relative maturity ranking. Master F-80's tremendous yields, its extra deep kernels with small cob, and the rough, soft dent have made it so popular with feeders, that we have been unable to supply the demand for this remarkable hybrid during past seasons.

MASTER F-82 (108 Maturity)

A new, full-season hybrid for Minnesota's south-central zone and similar territories. Hybrid plants average 7½ feet, are leafy, and of a rich dark green color. Very attractive type ears averaging 8½ inches in length are borne at a height of 3 feet. Ears average 16 rows, and kernels of medium depth are large and thick dented. Made a record yield of 86.69 bu. per acre in our yield trials, leading all hybrids tested in its maturity class. Available in limited quantity only.

MASTER F-101 (112 Maturity)

A new full season corn hybrid for Southern Minnesota and similar territories. An early vigorous grower with very fine standing ability. The attractive ears average 9 inches or more in length and are borne on short, sturdy shanks. Extra deep, high quality kernels of rich yellow color. Made a record yield of 111 bu. per acre in Winona County in 1941 Minnesota Yield Trials.

This outstanding hybrid was selected for the 1942 Minn. State Corn Husking Contest. (Cancelled for Duration)—(See photo above.)

MASTER F-102 (115 Maturity)

A new full season hybrid for Southern Minnesota, Northern Iowa, and similar territories. Very attractive plants of deep, rich green color. A very extensive root system anchors the plants well in the most severe winds. Produces large, fairly smooth, thick ears on short, sturdy shanks. Deep, rich yellow grain of fine quality makes this hybrid rate first for either market or feed.

MASTER F-105 (112 Maturity)

A new full season corn hybrid for southern Minnesota and similar territories. Rich, dark green leafy plants average 7½ feet in height. Ears are borne at an average height of 3½ feet on short, sturdy shanks. Ears average 8 inches in length, are medium rough, and average 16 rows of large, fairly deep, rich yellow kernels. Produced 94.19 bu. per acre in our 1941 trials, and has splendid record in the 1941 Official Minnesota Yield Trials. Available in limited quantity only.

MASTER F-20 (85 Maturity)

The earliest yellow dent corn hybrid in the U. S. according to Official State Yield Tests! Formerly offered as Master Hybrid No. 4, this unique strain is famous for its unusual resistance to cold injury, and its stubborn standing ability. 15% to 20% more corn than open pollinated varieties of similar maturity. The ears are sound and free from ear rots, averaging about 8 in. long with 14 rows of high quality, bright yellow grain.

MASTER F-40 (92 Maturity)

A new hybrid well adapted to Minnesota's North Central Zone, and similar territories. Good plant type, averaging 6 feet, with ears borne uniformly on short, sturdy shanks at an average height of 2½ feet. Ears average 6½ inches long, bright, sound, free from ear rots. Sixteen rows of very good quality, medium deep grain. Very good lodging resistance and smut resistance. Good seedling vigor. Excellent yield records in both 1941 Minnesota and North Dakota Hybrid Corn Yield Trials. Available in limited quantity only.

MASTER F-60 (99 Maturity)

Tests show 32% greater yield from this brand new Master Hybrid, over open pollinated kinds, ripening at the same time! A vigorous grower, with very deep green foliage on stiff, straight plants. The sound, rich-yellow ears are borne on short shanks, ideal for machine picking.

MASTER F-61 (99 Maturity)

A new hybrid tailor-made for Minnesota's Central Zone, and similar territories. Very attractive plant type, uniform and leafy, with a rich dark green color. Stalks average 7½ feet tall, with ears borne uniformly at 3 feet, on short sturdy shanks. Exceptional resistance to smut and lodging. Ears average 7 inches in length, with 16 rows of medium deep, high quality kernels. A record yielder, making 78.04 bu. per acre in our trials, outyielding Wisconsin 355 by 16 bu. per acre, only slightly later in maturity.

MASTER F-101—GIVES GOOD RESULTS in Spite of SEVERE SEPTEMBER FREEZE

At Vernon Center, (Blue Earth County, Minn.) Bert Hanson, breeder of Polled Shorthorns, writes on the performance of Master Hybrid F-101 in 1942. He reports not merely frost, but a hard freeze late in September with snow that broke down more than 50 trees in his grove. After inspecting his own fields, and more than a hundred other fields in his section, and filling 7 silos, running the cutter himself, he sends us this report at the right.

F. S. & N. Co.: Oct. 4, 1942
Regarding your Master Hybrid F-101, I wish to say that it is the best corn I have this year. It will outyield the hybrid planted beside it, stands better, is plenty early for our territory, is holding ears well, develops very fast from tasseling to maturity and will be planted again next year. It appears to be equal to the very best fields in this territory at this time.

Bert A. Hanson, Vernon Center, Minn.

MASTER HYBRID F-102 (115 Maturity)

NEWEST AND BEST OF THE MINHYBRIDS

★NEW MINHYBRID 800 (Maturity 85)

Here's the earliest Minhybrid ever released. It's a pure yellow dent hybrid, maturing even earlier than Haney's 13 and carries less moisture at harvest than the old "mixed yellow and white" Minhybrid 402. New 800 produces surprising crops of sound, bright yellow ears in the Northern-most corn growing sections of Minn., Wis., and N. Dak. It resists disease and stands up stubbornly in wind and hail. It's a double hybrid of new Pedigree lines from Minn. 13, Northwestern, Reed's and Osterlund Yellow, and Rustler White Dents.

★NEW MINHYBRID 702 (Maturity 92)

A brand new pure yellow dent hybrid with a yield equal to 402 although 702 matures slightly earlier. Its unusual standing ability and absence of broken stalks won fame in Official Yield Trials. A "money-maker" in Northern sections—its ears are sound and free from disease. It's a double hybrid of pedigree lines from Minn. 13, N. W., Reed's and Osterlund Yellow, and Rustler White Dent.

★NEW MINHYBRID 601 (Maturity 99)

Farmers who like the performance of the Old Minhybrid 401, will like these new Minhybrids in the 600 series. They are pure yellow hybrids in the "401 and Central 13" maturity group. 601 will prove a favorite with farmers in the vast central and North central regions of Minn., Wis., S. Dak., and Mich., for main crop and in more southern sections for early "hogging off." It stands despite wind, rain and hail, grows rapidly, resists smut and produces an abundance of early ripe corn in these treacherous central areas, before the first killing frost.

(See Photos on Page 70)

About Minhybrids:

We now offer only the newest and best Minhybrids. Old Minhybrids 301 and 403 were excellent in their time, and popular with our trade. But we now discontinue these hybrids because tests show that NEW MINHYBRID 502 is higher yielding than 301, earlier in maturity, and better in other ways. Likewise New Minhybrids 404 and 405 yield more than old 403, are slightly later in maturity, and better in other respects.

★NEW MINHYBRID 602 (Maturity 99)

Here's the record yielder in the 100-day group. It matures between 401 and 301 and even though it's earlier, it still outyields 301. New 602 is a pure yellow double hybrid of Pedigree lines from Silver King, Reed's Yellow and Rustler White Dents, Golden King and U. S. 153R1. Plants are remarkably free from smut and stand up stubbornly. Ears are bright, sound and free from ear rots. Kernels tend to have light yellow caps.

★NEW MINHYBRID 500 (Maturity 106)

Here's what Minnesota farmers in vast areas east and west of the Twin Cities have long awaited. The 500 series provides ideal, pure yellow hybrids that ripen after the old 401 and ahead of 301. Proven in Minnesota Yield Trials, 500 can be depended upon to produce bumper crops of REAL SOUND, RIPE, YELLOW corn of highest market quality year after year, in the upper fringe of Minnesota's southwestern Corn Belt. It's ideal in similar latitudes of Wis., S. Dak., and Mich. Wonderful standing ability and surprisingly free from smut.

★NEW MINHYBRID 502 (Maturity 106)

Farmers who liked the old Murdock type will appreciate 502. Ears are similar to Murdock in length and number of rows. However, it has the typical Minhybrid standing ability and absence of smut. Ears are exceptionally sound and free from ear rot. Although it ripens somewhat earlier, 502 equals 301 in yield. It's a double hybrid of lines from Rustler White & Reed's Yellow Dents, Golden & Silver King, and U. S. 153R1.

★NEW MINHYBRID 404 (Maturity 113)

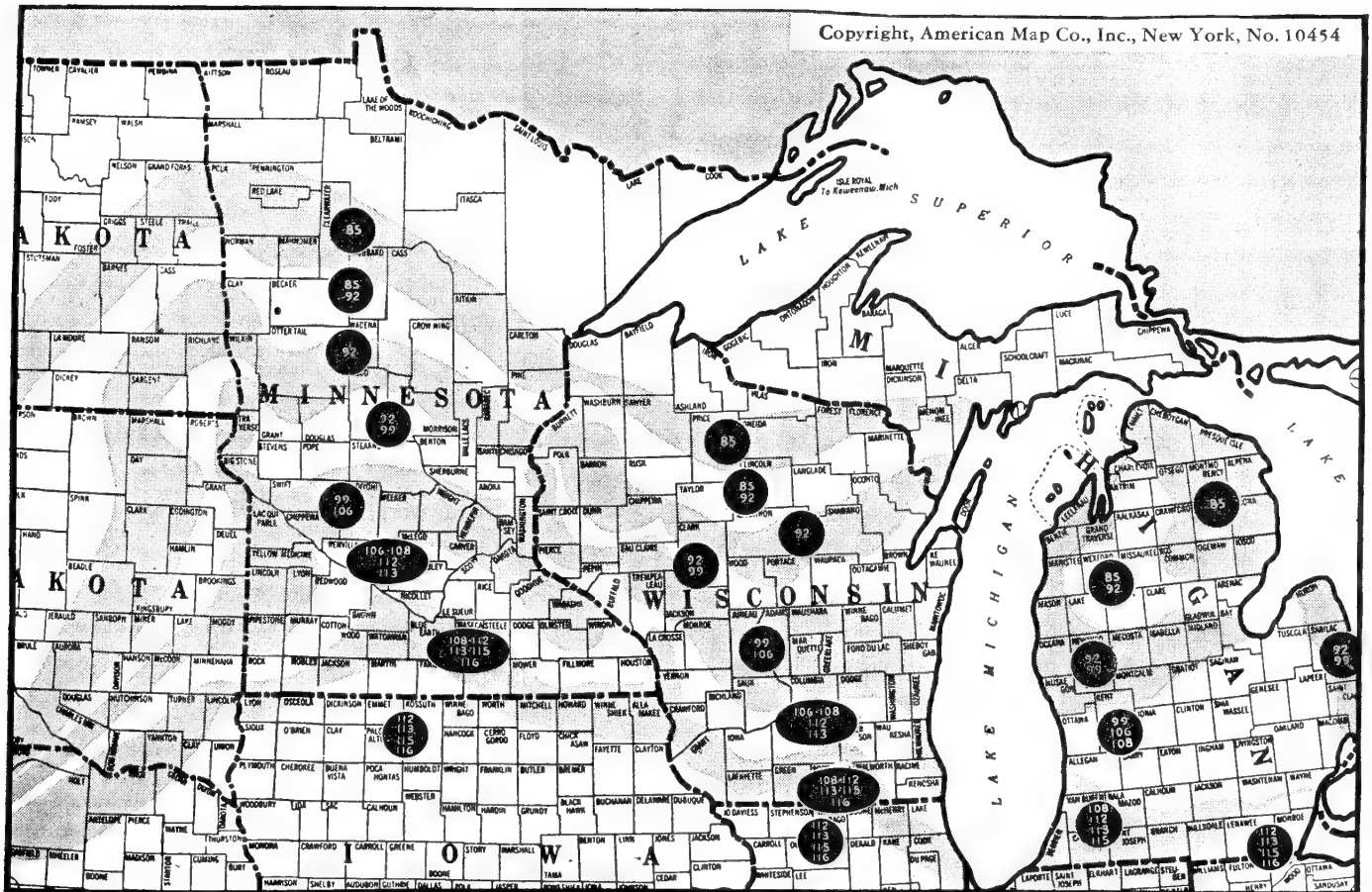
You'll be proud of your field of this brand new Minhybrid. Plants grow taller than 403 and the extreme evenness of plant height combined with their rigid straightness, gives the 404 field a pleasing, "table top" appearance. It ripens slightly later, and yields heavier than 403. It remains upright with great stubbornness, and smut and ear rots are absent. A pure yellow hybrid of inbreds from Golden King, Reed's Yellow and Rustler White Dents.

★NEW MINHYBRID 405 (Maturity 113)

Similar to 404 in yield, maturity, performance, plant and ear characteristics. (Differs from 404 in only one parental inbred line.) Gives Southern Minn. farmers the late maturing type they admire in Iowa and Illinois hybrids. Yet 405 can be recommended by Minn. Exp. Station because of low moisture at harvest—making quality corn that grades well on the market or is promptly eligible for sealing.

Master Hybrid and Minhybrid Planting Guide

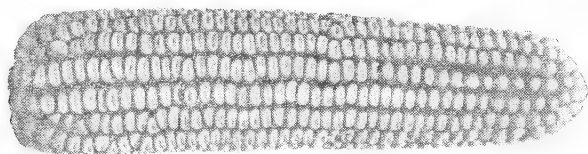
Copyright, American Map Co., Inc., New York, No. 10454



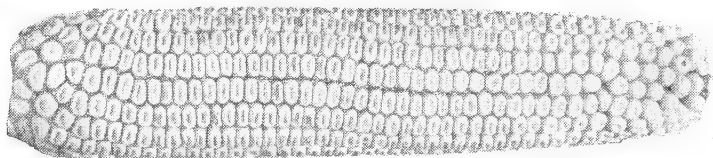
Numbers printed in each zone represent MATURITIES of Master Hybrids or Minhybrids recommended for these areas

See Price List in Front of Catalog—Save Money—Buy Direct!

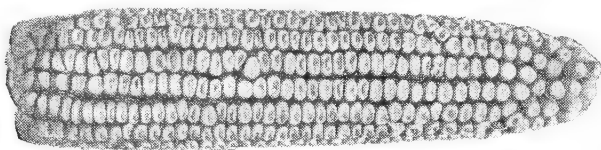
Here are the New Minhybrids Described on Page 69



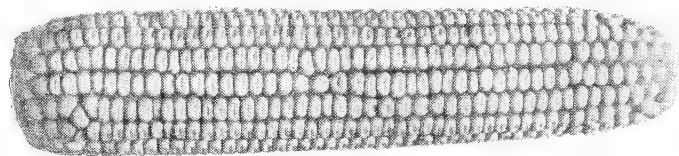
MINHYBRID 800—(Maturity 85.) The greatest profit-maker for farmers of the far North—it's even earlier than Haney's strain of Minn. 13.



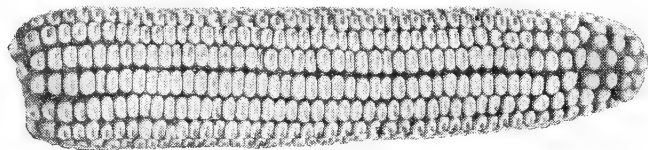
MINHYBRID 502—(Maturity 106.) Earlier than 301—and yields better!



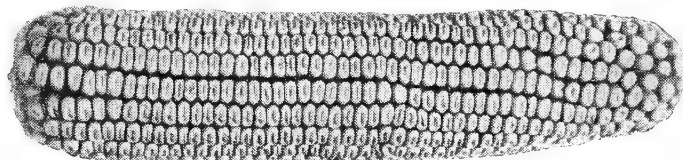
MINHYBRID 702—(Maturity 92.) A yellow hybrid triumph of Minn. Exp. Station. Developed to replace the old "mixed yellow & white" 402.



MINHYBRID 500—(Maturity 106.) Produces sound, golden ears that makes corn of top market grade and keeps well in crib because of low moisture at harvest.



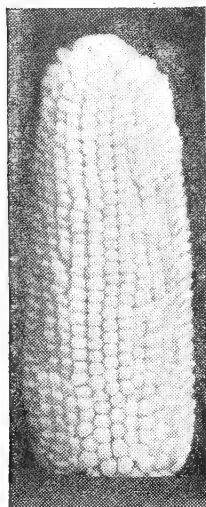
MINHYBRID 602—(Maturity 99.) In the popular 100-day maturity class, is an easy husking, clean picking hybrid with ears at a convenient height on the stalks.



MINHYBRID 405—(Maturity 113.) Makes a field picture that's the envy of the neighborhood! The thick cylinder-shaped ears hold their width well from butt to tip, and have great shelling percentage.

About Wisconsin Hybrids:

In the past, we produced and offered Wisconsin Experiment Station hybrids to our trade. They were popular and gave fine results. We sincerely appreciated the fine cooperation of the Wisconsin Experiment Station. However, careful tests conducted by the Minnesota Experiment Station for two and three-year periods, show that on the average, when compared with outstanding Minnesota hybrids of comparable maturity, Wisconsin hybrids do not yield better than Minhybrids and in most comparisons, they have not yielded as well. (Data from Minnesota Seed Grower, Feb., 1942.) In order to reduce the large number of hybrids formerly offered, we are discontinuing production of Wisconsin Hybrids.



Grow a Patch of HYBRID POP CORN —the Perfect War-Time Confection!

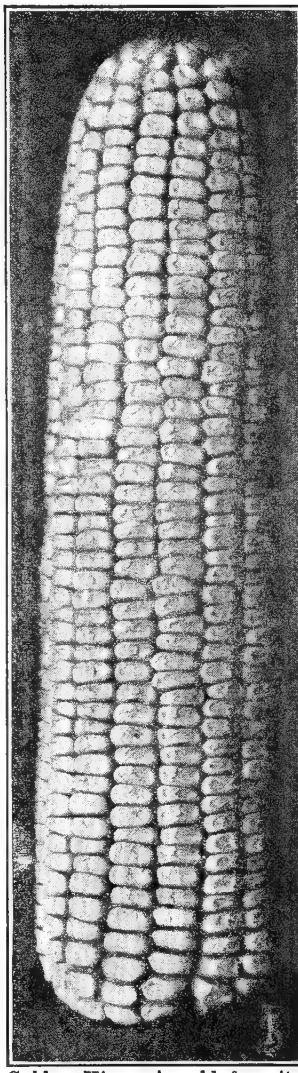
250. NEW HYBRID HULLESS
(Minhybrid 250)—The last word in Pop Corn. Developed by Minnesota Experiment Station. It far surpasses the old Jap Hulless—records show 16% greater yields per acre, and 29% greater popping expansion. This Hybrid Hulless is the finest Pop Corn obtainable from the standpoint of quality, flavor, tenderness, and popping volume. Plant 12 pounds per acre in drills or 6 pounds if planted in hills. Plant in rows 3 feet apart, dropping seed $1\frac{1}{2}$ feet apart in the row. Price: Pkt. 8c, $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 45c, 2 lbs. 80c, 5 lbs. \$1.75, prepaid.



Barbak
REG. U.S. PAT. OFF.

Seed Corn Treatment.

Price: $1\frac{1}{2}$ -oz. packet (for 1 bu. seed), 15c prepaid. Not prepaid, 1 lb. tin (60-acre size) 75c, 5-lb. tin \$3.00.



Golden King—An old favorite!

Open Pollinated SEED CORN

GOLDEN JEWEL, Registered

Our own introduction, recommended by Minn. Exp. Station. Golden yellow, compact ears, 8-10 inches long, 16-20 rows of medium deep, slightly rough, square shouldered kernels on a small red cob. Grows 8-10 feet tall. Matures in 110 to 112 days. Adapted to southern Minn., S. Dak., Iowa, southern Wis., northern Ill. (See Blue Price List.)

← GOLDEN KING, Registered

Grown in central and southern Minnesota and northern Iowa for many years. Grows 8 feet tall, golden ears, medium deep kernels, 14-16 rows, 8-9 inches long. Recommended by Minn. Exp. Station. It ripens in 100 to 105 days (earlier than Golden Jewel) and shows less barren stalks than any open pollinated variety. (See Price List.)

MINNESOTA 13, Registered

Central Strain Minn. 13

This original strain of Minn. 13 is adapted to central Minn., Wis., and northern S. Dak., maturing about a week earlier than the Large Type, or in 95 to 100 days. (See Blue Price List.)

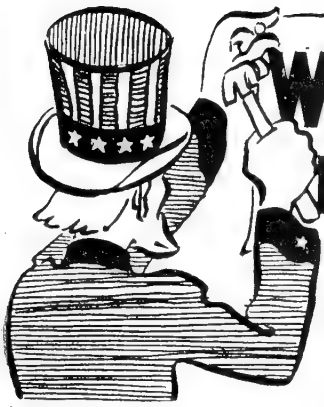
Early Haney's Strain Minn. 13

Adapted for northern Minn., Wis. and N. Dak. The earliest open pollinated yellow dent corn grown. 5-6 foot stalks. Matures readily in northern areas under normal conditions and is very good for hogging off or early feeding in other sections. Matures in 85 to 90 days. (See Price List.)

EVERGREEN SWEET FODDER CORN

Earliest Green Bundle Feed, Dairyman's Life-saver.

Produces 4 to 5 tons of sweet, juicy, nutritious feed per acre, with remarkable increase in milk production—a vigorous grower, and at low seed cost. Livestock thrive on it and make rapid gains. 9 to 10-foot stalks are sweet, tender, juicy and nutritious with an abundance of large, broad leaves. Large 16 to 20-rowed ears have white kernels. (48 lbs. per bu.) Plant 15 to 20 lbs. per acre. (See Price List.)



WANTED: More Flax!

A Critical War Material!

The demand for linseed oil for painting guns, tanks, airplanes, ships, cantonments, camouflages and blackouts, has stepped up enormously. From the paint and varnish industry we get these facts: The 1940 production of flax was 37,300,000 bushels. The 1941 home requirements were 58,200,000 bushels. This left a deficit of 20,900,000 bushels.

Reduced imports of chinawood, and other Oriental and South American Oils has put still a greater strain on linseed oil. The feeding program has required large quantities of protein concentrates, and here again flax must bear its share of the burden. So in the case of flax, we certainly won't be embarrassed by too plentiful a supply, because of the huge demand for this crop.

A serious shortage of rust resistant seed flax for 1943 is predicted by U. S. Flax Institute. A severe rust epidemic hit the Northwest flax crop in 1942 and serious damage resulted. So plant only these rust and wilt resistant varieties described below and order your seed early!

FLAX SEED (RUST & WILT) RESISTANT

In the past, Flax was considered more as a catch crop, to be planted when conditions for other crops were unsatisfactory, or after all other crops were sown. This is a very poor procedure, for Flax does best in moderately warm weather and if planted too late is usually greatly affected by heat and drought.

To obtain large crops, sow early right after grains are planted, up to about the middle of May. The earlier that Flax is sown, the better able the plant will be to withstand wilt and other diseases. Treat seed with Ceresan—Page 65.

Sow Flax at the rate of 28 to 42 lbs. per acre, depending upon the size of the seed and the condition of the land. The smaller seeded varieties such as Red Wing are seeded at the rate of 28 to 35 lbs. per acre, or slightly more if the land is somewhat weedy, Bison at about 35 to 42 lbs. per acre.

RED WING FLAX—Rust and wilt resistant. Like Bison Flax, Red Wing is outstanding for its resistance to rust and wilt. It was developed by the Minnesota Experiment Station and has proven a good yielder throughout the Northwest. The blossoms of Red Wing Flax are a lighter blue than the other varieties and the seed is somewhat lighter in color. See Blue Figure Price List.

BISON—From North Dakota Experiment Station. A large seeded type both rust and wilt resistant. It has replaced many other varieties now being grown. From the yield standpoint it will produce about as much as Red Wing. Yields run as high as 30 bushels per acre (average yield 20 bushels per acre). See Blue Figure Price List.

NEW BIWING FLAX—Here's the Minnesota Experiment Station's famous new flax—a cross of Red Wing and Bison. New Biwing inherits the best features of both. Its moderately large seed, high oil content and resistance to wilt, come from the Bison parent. Biwing's fine oil drying quality, its rust resistance, high yielding ability, and light blue flower color, come from the Red Wing parent. Approved by U. S. Flax Institute. See Blue Figure List.

Ideal Flax Combination Crops

Legume—Grass—Flax Combination

As a nurse crop for Alfalfa, Clovers or Grasses, Flax has no equal, because it does not heavily shade the young forage plants and its sturdy stubble affords winter protection. The flax plants' open habit of growth and the presence of legumes and grasses in combination also aid in controlling weeds.

We recommend seeding a normal rate of Alfalfa, Red and Alsike Clover, Sweet Clover, Timothy, or other grasses with approximately one-half a normal seeding of flax per acre, or 14 to 20 lbs., so that the clover and grasses would not be smothered and a good stand secured.

A Clover or Grass Seed attachment to the grain drill may be used, sowing the seed ahead of the drill and covering it lightly with a harrow.

RAPE FOR QUICK PASTURE

Rape is an annual forage plant of great value, profitable in all sections of the country. It can be grown to advantage on land which has already produced an early grain crop, like oats, rye, or winter wheat.

Rape provides excellent pasture for all kinds of livestock, cattle, hogs, and sheep. It can be sown at any time during spring or summer, so a good pasture can be had whenever it is needed. Rape will prepare sheep and hogs for market better and in less time than any other forage plant.

One acre is sufficient to pasture 12 to 15 sheep from six weeks to two months, and is the ideal pasture for weaning lambs. Spring pigs can easily be brought up to 200 lbs. in weight when six months old, if fed on rape. It is a mild succulent feed for cattle, and will not flavor the milk, if the cattle are pastured properly. Stock that is being fed on rape should always have access to salt.

Two pieces of land may be seeded at once, to be used alternately, pasturing one while the other is growing. Do not graze too closely. Rape makes a good fall pasture.

DWARF ESSEX RAPE—The commonest grown type that has produced the finest pastures for many years. See Blue Figure Price List.

Advantages in Sowing Rape

1. Grows wherever corn or turnips grow.
2. Provides pasture in 6 to 8 weeks' time.
3. The best forage plant for dry seasons, because of its strong, deep root system.
4. Plant alone or with grain, soy beans, Sudan Grass or cane.
5. Adds humus matter to soil when plowed under.
6. Its cheapness; sown broadcast, use 5 or 6 lbs., sown in rows, use only 3 lbs. per acre.

Wheat—Flax Combination

A combination of 15 to 20 lbs. of Flax and 45 lbs. of Seed Wheat per acre sown at the usual wheat seeding time has an advantage over flax alone, particularly in the control of such weeds as lamb's quarters and wild buckwheat. This early seeding which gives the wheat the best chance for development, provides the best conditions for the growth of the flax also.

Yields of 10 bushels of flax and 15 to 20 bushels of wheat are not uncommon, with a combined seeding. When threshed, they are easily separated with an ordinary fanning mill and can be sold at highest market value because the quality of the grain is usually very good. There is less danger of damage to either crop from disease or lodging when grown in combination.



3 to 4 tons of Sudan hay from one cutting.

SUDAN GRASS GROWS QUICKLY

One of the best annual forage plants ever introduced, suitable for almost any locality. Sudan Grass thrives best on rich loam, but has been successfully grown on almost every kind of soil, from heavy clay to light sand. Cold, wet soils are not suited to Sudan Grass. Sudan Grass is a sorghum, and an annual, without underground root sprouts. It grows 4 to 5 feet high in drilled seedings, and 5 to 8 feet in cultivated rows.

DO NOT SOW SUDAN GRASS BEFORE CORN PLANTING TIME. Like corn, it is a warm weather crop.

In favorable seasons, the growing period is long, and several cuttings can be obtained in one season. For hay it is ready to cut in 60 to 75 days, when it is in full head. It continues its growth, and in 40 to 45 days it is ready for another cutting. If Sudan Grass is grown for seed, only one crop can be harvested.

Produces Quality Hay

Sudan Grass is an enormous yielder, producing 3 or 4 tons of hay at the first cutting. The second cutting is lighter, and the hay is much finer. Livestock of all kinds will eat the hay readily.

CULTURE—For a seed crop, sow 15 lbs. per acre, in drills, 15 to 20 inches apart. The crop should be harvested with a grain binder.

For hay, sow at the rate of 20 to 30 lbs. per acre, using a grain drill, and cover from one to one and one-half inches deep. Heavy seedling makes finer quality hay.

The hay crop is harvested with a regular mower, when the Sudan Grass is fully headed out. It can be cut in the morning, and if the sun is bright, it should be raked up in the afternoon of the next day. After bunching, it is placed in cocks, just the same as alfalfa. After it has been thoroughly cured, it is removed from the cocks to the barn, or stacked. Because of the large amount of juice in the stems of Sudan Grass, the leaves cure first and the hay often appears ready to stack, when it is not. Therefore, the only sure way to avoid heating, is to allow Sudan Grass to remain in cocks long enough for the stems to become dry. The leaves are retained well, and if cut at the right stage will make a bright, leafy, sweet hay, of the very best quality.

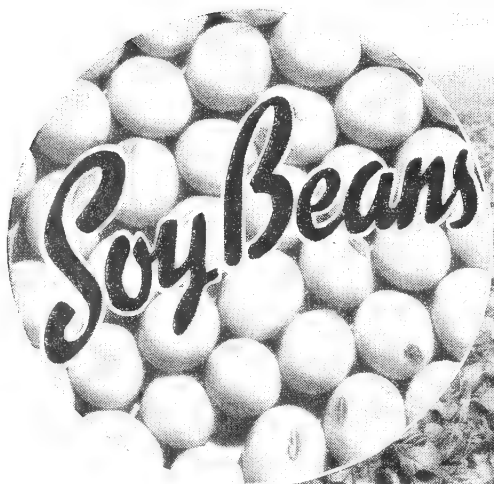
Plant Legumes with Sudan

Sudan Grass grown with legumes, such as soy beans, makes a well-balanced mixture for pasture, ensilage and hay. Sudan Grass grows stiffly erect, with stems strong enough to support the vines and makes harvesting easier, by keeping them off the ground. It hastens curing, by preventing the beans rotting.

Sudan Grass and soy beans, planted together, make a good hog pasture. Sow 25 to 30 lbs. Sudan Grass and the same quantity of soy beans, to the acre, drilling in the seed with a grain drill. For quickest results, sow in rows 18 to 20 inches apart, and cultivate.

See Blue Figure Price List.

SUDAN GRASS CIRCULAR FREE



A Vital War Crop— Plant High Germinating Seed!

Late planting—a very unfavorable season, and the early frost of September 27, all combined to severely damage the 1942 Northern Soy Bean crop.

Careful tests, after the frost, by the University of Minnesota on field run Soy Beans grown at Waseca and University Farm, show germinations ranging from 70% to 22%. Thus a large percentage of the '42 Soy Bean crop was injured by frost, and is unfit for seed in 1943.

Designated as a vital war crop by the War Production Board, a large production is needed again in 1943. In fact, the 1943 goal is 1,500,000 acres ABOVE the '42 goal!

In 1942 the Government asked for a 54% increase in Soy Bean acreage in Minnesota. The increase was even more than this! Even higher goals are set for 1943. Furthermore, we urge farmers to plant early, just as soon as all danger of frost is past in the spring, to inoculate seed with Nitragin (Pg. 64), and to plant only these early maturing varieties, recommended by Minnesota Experiment Station: Early Manchus, Habaros, and the New Richland variety. They have given fine results the past season.

Our seed stocks are Minnesota Grown, of fine quality, with a germination of 90% strong, or better. Seed of these early adapted varieties, recommended by the Experiment Station, will be in big demand. Insist on high germinating seed and order early to avoid disappointment. See Blue Figure Price List.

How To Grow Soy Beans

CULTURE. Soy Beans require about the same treatment as corn, and will grow on almost any kind of soil, shallow peat or sandy loam, and even ground containing too much alkali for corn. Do not plant Soy Beans too early, about corn planting time is right.

Inoculate seed with Nitragin (page 64) and plant as follows:

1. In ordinary 6 in. rows with a grain drill, using 90 to 120 lbs. of beans per acre.
2. In 12 in. rows, using a grain drill and plugging up every other drill, using 80 to 90 lbs. per acre.
3. In 21 in. rows, using a corn planter with a bean attachment, the planter being set at the regular distance of 42 in. and the rows straddled. Plant about 70 to 75 lbs. of beans per acre.
4. Soy Beans may also be planted in rows 30, 36 and 42 in. apart and cultivated. Plant 35 to 45 lbs. of beans per acre.
5. Soy Beans may also be broadcast, using about 90 to 120 lbs. per acre.

Soy Beans for Seed

The seed crop is quite profitable. The seeds broken or split in threshing can be fed to livestock. For seed, the Soy Beans should be cut with a grain binder, while the dew is still on them, so they will not shatter. They can be threshed without much curing, if the seed is spread out so it cannot sprout in the bins.

Soy Beans may be turned under in the fall, thereby enriching the soil and making it mellow and easily tillable.

EDIBLE SOY BEANS Page 4
SOY BEAN INOCULATION Page 64

Early Minnesota Manchus—a most profitable crop for Minnesota farms.

The Most Profitable Soy Bean Varieties! NEW RICHLAND SOY BEANS

(Grown from Registered Seed)

Now recommended by Minnesota Experiment Station and Minn. Crop Improvement Association. Distributed by the Purdue Experiment Station. Matures about the same time as Habaro, or in about 105 to 110 days. Equal in yield to Habaro and adapted to same territories.

Outstanding features are high yield, early maturity, stubborn standing ability and high oil content. It is becoming the leading oil mill variety, and we suggest growers obtain seed of this strain to produce high yielding, good quality crops for sale to oil processing mills in their locality. We offer only quality, high germinating seed stocks, but supply is limited, so order early.

MUKDEN

The outstanding strain of Mukdens we offer has been grown in Minnesota for a number of years, and will ripen only slightly later than Habaros and Early Minnesota Manchus. Mukdens will produce ripe beans in Southern and South Central Minnesota and similar territories. They are very leafy, produce a large tonnage of hay and a high yield of beans, very high in oil content, and therefore are preferred by the crushers. The plant stands up stubbornly and the seed is yellow in color, resembling Manchus, but slightly smaller. We offer quality seed stocks of high germination. See Blue Figure Price List.

MANCHU, Early Minn.

(Grown from Registered Seed)

An excellent strain, maturing in about 105 days, or about the same time as Habaros, and will ripen beans in Central Minnesota and similar territories. High in oil and protein content, and low in moisture at harvest. One of the highest yielding varieties in recent Minnesota Experiment Station Trials. We offer only quality seed stocks of high germination. Supply limited. Order early to avoid disappointment.

HABARO

(Grown from Registered Seed)

Originated by the Minnesota Experiment Station.

Habaro is an outstanding early variety, developed at University Farm. Matures in about 105 days, and will ripen beans in Central Minnesota and similar territories. One of the highest yielding varieties for both seed and forage in Waseca Experiment Station tests, covering a period of years.

Habaros stand up straight, are very leafy and produce a large tonnage of nutritious hay per acre. They may be easily cut with a grain or corn binder. Habaros will produce 35 to 40 bushels of well matured beans per acre on good land under normal growing conditions. See Blue Figure Price List.

Try Dusting Your Seed With

ROOTONE

Reg. U. S. Pat. Off.

the plant hormone powder.

Just dust on seed, then plant! Remarkable results reported (at right). Stiffer stalks, bigger roots, more twin ears on hybrid and open pollinated corn (even if Barbak treated). Bigger yields from other farm, garden and grass crops. Greatest benefit on poor soils. Oz. treats bu. of corn or beans. Ask for free treating chart.

2 ozs. \$1.00, 1 lb. \$5.00, postpaid.

Just look at these results from actual field tests showing what happens when ROOTONE is used on important field crops!

	Untreated Seed	Treated Seed
CORN.....	28.5 bu. per acre.....	31.5
CORN.....	36.0 bu. per acre.....	41.5
CORN.....	37.0 bu. per acre.....	57.0
SORGHUM.....	2411 lbs. per acre.....	3515
ALFALFA.....	3700 lbs. per acre.....	4600
SUGAR BEETS.....	5.6 tons per acre.....	16.8
SOY BEANS.....	12.3 bu. per acre.....	17.7

Canada Yellow Field Peas

Field Peas are better suited to the Northwest than other annual legumes for building up worn-out soils. They are usually grown with oats for hay, a combination equal in feeding value to clover hay. They contain more digestible crude protein and fat than alfalfa and corn.

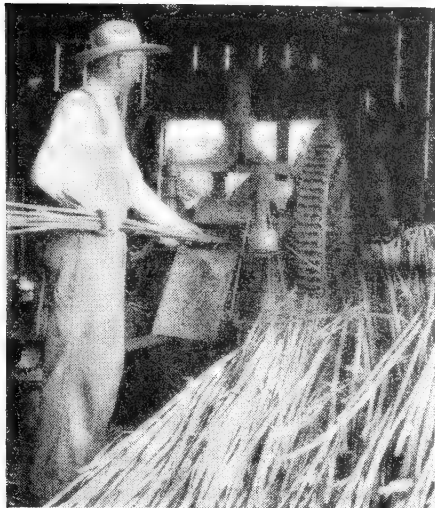
When they are grown with oats, they are threshed together, and easily separated with a fanning mill after threshing, thereby getting two crops from one operation. Sow 2 bushels of oats to 1½ bushels of peas per acre. Drill the peas in 4 inches deep, as early as the ground can be worked. Then, 2 or 3 weeks later, sow the oats, drilling it in the other way. If the oats are sown with the peas, they grow too rapidly, and check or smother the growth of the peas. Price: 5 lbs. 80c, postpaid. For prices on larger quantities, see Price List.

Vetch (Sand or Hairy)

Vetches, either green or as hay, make excellent feed and are also used extensively as cover and green manure crops. They make good hay, ensilage, pasture and green feed and are very valuable as a green fertilizer and as a cover crop in orchards, preventing the washing away of the soil.

Vetch may be sown in the spring at the rate of 60 lbs. per acre, or with a grain crop such as oats, wheat, rye or barley, at the rate of 30 lbs. per acre, and using one-half of the normal rate of small grain. This combination makes excellent forage or hay and also aids in preventing the Vetch from lodging. Vetch may also be seeded in the fall with winter rye for a hay crop, about August 1 to 20, using about 30 lbs. of Vetch and ¾ bu. of rye per acre. Price: 5 lbs. \$1.00, postpaid. See Price List.

Sorghum Cane



Making Sorghum Syrup From Minnesota's Famous Cane.

Relieve the Sugar Shortage!

The Minnesota Crop Improvement Association urges planting of sorghum for syrup manufacture to ease the shortage of sugar. Varieties recommended are Minnesota Early Amber Cane and Dakota Amber. The Iowa Experiment Station also recommends Minnesota Early Amber for Northern Iowa. There are a number of sorghum mills in Minnesota and Iowa where sorghum may be taken for syrup production.

Shortage of Seed for 1943

There is a severe shortage of high germinating seed due to the September frost. Insist on early maturing varieties of good germination. Don't plant late maturing, southern strains unless for fodder. Order early, while our high germinating seed is available. See Blue Figure Price List.

MINNESOTA EARLY AMBER—The Early Amber Sugar Cane grown in Minnesota is superior to that grown anywhere else. It is the earliest strain grown, very hardy, of fine quality, and yields from 12 to 20 tons of cane per acre, according to soil conditions and cultivation. It grows 12 to 18 feet high, yielding much fodder, of good quality. Early Amber Cane and Fodder Corn are often planted together, and produce immense yields.

One acre of Early Amber Cane will produce enough to make 175 to 200 gallons of syrup, of delicious rich quality, golden yellow color.

We offer an improved strain of Minnesota Early Amber Sugar Cane which has been carefully bred for size, sugar content, and palatability. Sow 8 to 10 lbs. per acre for syrup. Price: 5 lbs. 90c, postpaid. (See Price List.)

DAKOTA AMBER 39-30-S CANE—Low Acid Cane Variety Developed by the South Dakota Experiment Station.

The demand for low acid content Cane of early maturity has been met by the introduction of Dakota Amber 39-30-S. It grows 55 to 68 in. tall, the stems are medium large and juicy and sweet, tillers freely, the leaves are medium in size. It is a good forage and grain producer. The following qualities make this Cane outstanding:

1. Low acid content.
2. More sugar, higher feeding value.
3. Safe as Sudan Grass.
4. Certified as to purity—uniform maturity.
5. Easy to handle.
6. A good fodder and grain producer.

Plant 5 to 10 lbs. per acre in cultivated rows or 50 to 60 lbs. per acre broadcast.

Price: 5 lbs. 90c, postpaid. (See Price List.)

FODDER CANE—(Southern Grown.) A profitable feed crop producing as much as 30 to 35 tons of green feed per acre. It makes good hay if cut before it grows too high. It matures later than Early Amber Cane. Sow 50 to 60 lbs. broadcast or 12 to 15 lbs. in drills per acre. Price: 5 lbs. 85c, postpaid. (See Blue Figure Price List.)

MILLET—The Ideal "Catch Crop"

Although many farmers are now growing Millet regularly as a hay crop, it was not until the last few years that its value was fully appreciated as a quick-developing crop. Many find it of great value in case of crop failure of Clover and Timothy, when dry, spring weather cuts short the pasture and meadow grasses, or when there is a cold, wet spring and corn and other early sown crops are drowned out—it is then that Millet is fully appreciated.

Millets may be planted up to July 1 and even later, and still produce a crop of hay or

pasture. Millet hay properly handled has great feeding value and milk-producing qualities. For hay it should be cut as soon as it blooms, before the seed forms, otherwise the hay is apt to be woody. In more southern sections Millet is sown as a catch crop after the grain has been harvested. It produces the best results in warm, rich soil.

Sow broadcast, using about 25 lbs. per acre, covering seed three-quarters of an inch deep. For a seed crop, allow the Millet to ripen fully and harvest with a grain binder.

JAPANESE MILLET—Billion Dollar Grass

One of the best forage crops for feeding all kinds of livestock. High in milk-producing qualities, being rich in protein and fats. Combined with soy beans, as ensilage, it makes an ideal balanced ration (two parts of millet to one of soy beans). Adapted to all sections of the country; it makes more hay than any other millet, and requires less seed. It is the ideal catch crop, and may be sown from May to July.

For hay, cut it just before it blossoms, and cure the same as clover. It also makes good pasture, but the cattle must be accustomed to it gradually.

- 1—It grows 4 to 8 ft. high and produces 5 to 6 tons of hay per acre.
- 2—It is drought-resistant, yet can be grown on wet or poor soil.
- 3—It is good for exterminating quack grass as it stools heavy.
- 4—It is cheap to sow, only 20 to 25 pounds of seed per acre being required.
- 5—It is very palatable and is liked by all classes of livestock.

FOXTAIL MILLETS

Sow 15 to 20 pounds per acre.

GERMAN OR GOLDEN—This is one of the best varieties for hay and fodder. It makes rapid, vigorous growth, often yielding 3 to 5 tons of hay per acre, on good rich soil. It grows 4 to 5 feet high, is of rather coarse appearance, and should be cut for hay before it is in full bloom. At this stage, the hay is of the best quality, and so tender it can be fed to hogs.

SIBERIAN—We think this the best Millet for dry sections. It is extremely hardy, drought resistant, and about two weeks earlier than Golden Millet. It stools heavily, is very leafy, and yields enormous quantities of fine quality hay. It produces 50 to 70 bushels of seed per acre.

Price: Any variety, 5 lbs. 85c, postpaid. For larger quantities see Blue Figure Price List

PROSO MILLETS

Sow 25 pounds per acre.

TURGHAI PROSO—Turghai Millet grows three feet tall and has a purple spreading head. The stems bear a wide leaf similar to corn and are not woody. It withstands considerable drought. It is a red seeded variety, like Early Fortune. Turghai has yielded from 50 to 70 bushels on heavy soil and three tons of hay per acre. Contains 17% protein and is one of the richest feeds for hogs, cattle, sheep and poultry. Ask for free circular.

EARLY FORTUNE—This seed is of a shiny reddish brown about the size of Turghai. The heads are compact. It matures rather early, growing about medium height. It is ready to harvest in 50 to 60 days after sowing.

Grow Sunflower for Ensilage and Fodder (Mammoth Russian)

Sunflower for ensilage and fodder is now advocated by experiment stations. Profitable where seasons are too short for other forage plants, sorghums, etc.

A profitable crop for fattening hens or producing eggs. Flower heads measure 12 to 22 inches across, containing many seeds. Price: Lb. 35c, 5 lbs. \$1.25, postpaid.

Cyclone
Hand
Seeder
only
\$2.75
POSTPAID



This simple, light, strong, hand seeder sows timothy, clover, millet, and grass seeds, as well as flax, wheat, rye, oats, buckwheat, turnips, and fertilizers perfectly even, in any quantity, from one quart to three bushels per acre. Canvas bag holds one-half bushel seed. Shipping weight, 4 pounds. Price: \$2.55, not prepaid.

SEED TREATMENTS

BARBAK—This dependable seed corn treatment increases germination and stand at a cost of 2c per acre. Permits earlier planting, prevents seed rotting, and insures increased yield. Price: 1½ oz. pkt. (enough for 1 bu. seed) 15c, prepaid. Not prepaid, 1 lb. tin (60-acre size) 75c. See page 70.

SEMESAN JR.—Another seed corn treatment which destroys seed-borne diseases, protects seed from rotting in cold wet soil, thus makes early planting possible. Price: 1½ oz. (enough for 1 bu. seed) 15c, prepaid. Not prepaid, 1 lb. 75c.

CROTOX BIRD REPELLENT—Saves seed and replanting. Stops crows, pheasants and other birds, as well as squirrels, gophers, woodchucks, etc., from destroying planted seed. For seed corn, soybeans and other smooth coated seed. Price: ½ pint (treats 1 bu. seed) 60c, 1 pt. \$1.00, prepaid.

CERESAN—For treating seed grains—wheat, oats, barley. See page 65 for details.

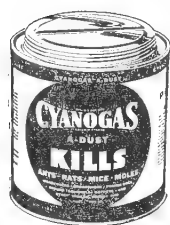
SEMESAN BEL—For treating seed potatoes. See page 21 for details.

SEMESAN—For treating all garden and flower seeds. See page 17 for details.

NITRAGIN—For inoculating Alfalfa, Clovers, Soy Beans, and Garden Peas and Beans. Boosts yields and enriches soil. See page 64.

FREE: Circulars fully describing any of the above seed treatments, on request.

Protection from Rodents, Insects and Garden Pests



CYANOGLAS

REG. U.S. PAT. OFF.

KILLS
RATS, MICE, GOPHERS,
MOLES, WOODCHUCKS
in corn cribs, burrows, under
buildings, barns and hard-to-get-
at places.

Cyanogas gives off a gas deadly to rodents. The residue, after gas is given off, is non-poisonous. Pests need not eat Cyanogas or even touch it. It gets 'em wherever they are. Can be applied with dusters (below) or by sifting. Directions on pkg. Write for big free folder telling how to rid your premises of 24 different farm and home pests.

Cyanogas A-Dust: 1/2-lb. can 45c, 1 lb. 75c, postage 10c extra. 5 lbs. \$3.00, 25 lbs. \$10.00, F. O. B. Faribault.

CYANOGLAS BRASS DUSTER

Designed for Cyanogas. Heavy-gauge brass. Powerful air blast. Lasts a lifetime.



ONLY \$3.95 ppd.
(Supply limited.)

Humane Dehorning Pencil

The value of a calf is increased \$2.00 by dehorning. The brutal method of sawing off the horns is obsolete. Check the growth of horns in young calves with our "Humane" Dehorning Pencil. One application does the work—does not injure calf—practically painless. Satisfaction guaranteed or money back. Each pencil deborns 10 to 15 calves, at a cost of about 4 cents per calf. Thousands of satisfied customers.

Price: 50c per pencil, 3 for \$1.30, prepaid.

—RELIABLE INSECTICIDES—

WHAT TO USE FOR WHAT

FOR—	USE—
Cabbage Worms	Garden Guard
Bean Beetles	Arsenate of Lead
Cucumber Bugs	Nok-Em-Kold
Leaf Chewing Insects	Evergreen Spray
	Pyrocide
Spiders on Evergreens	
Aphis—mealy bugs	Emo-Nik
White flies—Rust	Black Leaf 40
Mites on House Plants	
Aphids on Nasturtium	
All sucking insects	
Blight—rust—scab— anthracnose—fungus diseases	Bordeaux Mixture
	Wettable Dusting Sulphur
Squash and Melon Bugs	
Cucumber Beetles	Pyrocide
White mildew—black- spot—leaf spot— fungus diseases	Wettable Dusting Sulphur
Tomato blight— fungus diseases	Acme Kopper King Dust or spray

ROTENONE GARDEN GUARD—Non-poisonous. Recommended for dusting on cabbage, cauliflower, beans, etc. Also controls lice, fleas and mites on dogs, cats and chickens. Safe to use. 1-lb. sifter top can, 40c, 4-lb. bag \$1.00, ppd.

ARSENATE OF LEAD—Safest to use on tender foliage and sticks well on the leaves. Can be used as dust or spray. Price: 1/2 lb. 25c, 1 lb. 40c, prepaid; 4 lbs. 75c, not ppd.

BORDEAUX MIXTURE—Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. Price: 1 lb. 40c, prepaid; 4 lbs. 75c, not ppd.

CYANOGLAS, ANT KILLER—Special 4-oz. tin container. Simply shoot it in the nest and no more ant trouble. Price: 40c, prepaid.

CARCO FOR ROOT MAGGOTS

Prevents deposit of maggot eggs on cabbage, onions, beets and radish plants. Use as spray—not poisonous. Complete directions. 1/2 pint 60c, quart \$1.40, postpaid. (See page 8.)



...THE EASY WAY

Simply ignite Rodent Rocket and place in hole. Fumes do the rest. **GUARANTEED—SURE—FAST—SAFE.** Absolutely the most convenient way to destroy these lawn pests. No dead carcasses to dispose of!

10 RODENT ROCKETS, prepaid..... **\$1.00**

MASTER MOLE KILL

Punch hole in tunnel, drop in this non-poison bait. Relished by moles, but kills 'em. Trial pkg., 30c; large economy size, 60c, prepaid.



CALICO MOUSE SEED

KILLS MICE

This poison grain is an inviting, attractive lure that gets the mice. It is more convenient and effective than the use of traps. Unattractive to dogs, cats and other pets. Guaranteed to satisfy or money back. Trial package, 2 oz. for 25c; large Economy Size, 1/2 lb. for 65c, prepaid.



One Spot
Flea Killer

• DUST ON ONE SPOT •

Kills
Lice
Ants
Fleas
Aphids
Bedbugs
Crab Lice
Potato Bugs
Cabbage Worms
Mex. Bean Beetles

Need be applied to only one spot on dogs and cats—kills fleas all over the animal. Packed in "dust-gun" can...

25c
Ppd.

BLACK CAT KILLS RATS

Non-poisonous bait to be mixed with butter, meat, corn meal, or whatever these pests are eating or destroying. Fatal to rats. May be safely used around the barn and poultry house. **LIBERAL** pkg., ppd, 50c; 3 for \$1.25, prepaid.



KILL-EM-QUICK GOPHER POISON

Just mix this powder with moistened grain. The aroma attracts, the taste makes gophers eat greedily. It Kills-Em Quick! Wipe out gophers—they cost you money! **Liberal** pkg., ppd., 50c.



VERMINOX (Non-Poisonous) KILLS RATS!

A ready-to-use bait, tasty but deadly to rats; not dangerous to humans, pets, poultry, livestock. **TRIAL** pkg., 25c; large economy size, 50c, prepaid.

POULTRY REMEDIES



JERMITE
FOR ROASTERS AND MOES

\$1.00 per Gal.
1-lb. can makes
1 gallon of Jermite
ready to use.



Good
for
Baby
Chicks
and
the
entire
flock!



A 1-lb. can of Jermite equals 700 average poultry tablets that usually cost \$1.00 per 100 tablets. You save \$6.00 by using Jermite.

Jermite Guarantees Healthy Turkeys and Poultry

- 1 Jermite is economical to use.
- 2 Jermite can be used in either the drinking water or the feed.
- 3 Jermite contains no fillers or harmful drugs.
- 4 Jermite is guaranteed.

Send \$1.00 for Special Jermite Trial Offer Today.

25-pound drum \$17.50, f. o. b. Faribault.

GET MORE EGGS—

By Keeping Hens Free from Lice

WITH

MINK'S LOUSE KILLER OINTMENT

—One application keeps hens free from lice up to six months. Pays its cost several times in increased egg production. Wonderful remedy for head lice, on baby chicks and turkeys. If not completely satisfied, return empty box and get your money back. One box treats 75 to 100 hens.

Perfectly harmless. Price: 80c, prepaid.

GOOD EQUIPMENT MAKES GARDENING A PLEASURE



The "ALL PURPOSE" Garden Hoe Cultivating Weeding Mulching

Try this new, high speed, high weight garden tool! So easy to handle, so much lighter, faster and better—you'll never go back to the ordinary hoe! Enthusiastic women gardeners claim less fatigue, better results.

You'll find it's fun to flick Dandelion and Plantain from the turf, or mulch around evergreens, shrubs, perennials. Goose-neck shank permits close cultivation of prized perennials. Amazingly efficient for mulching, cultivating, weeding your garden. Weighs only 1½ lbs., yet stronger than other garden hoes. Order today—if not delighted, return it for money back. Price \$1.10, prepaid.

\$1.10
ppd

Makes gardening
a pleasure

Hedge Shears

To Remove Old Wood
and to Keep Hedges and Shrubs
Shapely and Trim.



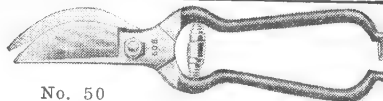
No. 201

Wide beveled blades, ground and polished. Tangs natural finish, bright steel ferrules, case hardened bolt and nuts with lock washer. 8-inch blades. ONLY.....

\$1.75 Postpaid

PRUNING SHEARS

85c
Postpaid

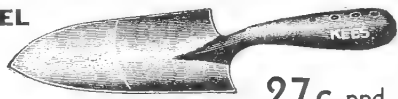


No. 50

Every home has a thousand and one uses for pruning shears—shrubs, berry bushes, hedges, trees, plants—all need pruning. Here is a good pruning shears—tempered blade, guaranteed. Volute spring.

ONE PIECE STEEL TROWEL

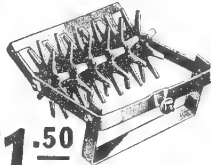
Handle can't work loose.
Green enamel finish.



27c ppd.

Standard Weed Killer PULVERIZER & MULCHER

Attaches to any high wheel cultivator. Runs light. Has six star wheels mounted on revolving shaft. Between wheels are projecting teeth which pulverize the lumps. Mounted in front is a 10-inch scuffle blade, both edges sharpened. Weight, 6 lbs.



\$1.50

Postage, 20c.

ADMIRAL DUST GUN

Applies insecticide in fine dust or heavy cloud. Powder can't enter pump chamber. 24-inch extension has adjustable nozzle for straight or angle discharge. Ideal over-and-under-leaf coverage.



\$1.25
ppd.

"GARDEN KING" PLANT MARKERS



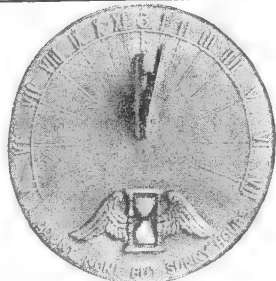
DIRT
PROOF.
WATER
PROOF.

Mark your garden with economical, weatherproof markers. Garden green color. Protected against decay. Chemically treated name card,

covered by removable, dirtproof window. Just use ordinary pencil. 18-inch size...50c per dozen, ppd. 12-inch size...40c per dozen, ppd.

COLONIAL SUN DIAL

This artistic Colonial Sun-Dial will add much to the beauty of your garden or lawn. Easily mounted, finished in bronze—10 in. diameter. An ideal gift for Mother's Day, Birthdays or Anniversaries. Order early as we cannot replace stocks when present supply is exhausted.



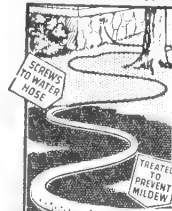
Price Prepaid only \$1.25



MAGIC HAND WEEDER

Spring-tooth weeder with hand-hoe on back. Surprisingly efficient! Steel tines, wood handle.

39c
ppd.



Like **ALL NIGHT RAIN**
IT REALLY SOAKS THE SOIL

SOIL-SOAKER

Water seeps through entire length gently—no spray—puts water where you want it—all soaks to the roots. Made of treated mildew-resistant canvas. One end screws to water hose, other end closed. Water seeps through every pore—soaks directly into the soil over an area of several feet on all sides. No excessive evaporation. Ideal for lawns, terraces, flower and vegetable gardens, hedges, shrubs, trees, etc. Saves on water bills. Get yours now!

PRICES
12 feet long, \$1.40
18 feet long, \$1.90
30 feet long, \$2.90
50 feet long, \$4.75

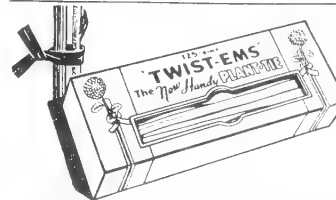
All Postpaid

AMAZING NEW HARCO SPRAYER



Complete, \$2.35
postpaid.

Professional type, easy-to-use, and down-to-earth price! Performs like expensive compressed air types, without bulky weight, bothersome cleaning! A squeeze of the hand delivers penetrating spray onto tops of tall shrubs, undersides of small plants. Extension rod gets hard-to-reach places. Sprays up, down, sideways, without adjustment. Surprisingly efficient. Durable pump resists corrosion—lasts for years. Fits ordinary Mason jars—keep different sprays in different jars! It's easy to switch from one garden spray to another or to household fly sprays.



"TWIST-EMS"

"Twist-ems" are dark green strong tapes with wire reinforcing that make perfect plant ties. For plants, vines and shrubs and arranging flowers.

PRICES PREPAID:

4-inch length 250 for 35c 8-inch length 250 for 45c
500 for 60c 500 for 80c

GARDEN GLOVES PAIR POSTPAID 75c



All-Leather, Dirt-Proof, Soft as Kid, Pliable, Washable. Outwear 6 pairs of fabric gloves for garden, housework, painting, yard, furnace, garage, etc. Sizes for women: small, medium, large. For men: medium and large. Specify for men or women. 75c per pair, ppd.

NEW "KREME SKIN" BEAUTY GLOVES

Cream treated imported lamb skin gloves for work or play. Protects from dirt, bruises and stains. Massages, softens and whitens the skin. Saves the manicure. Wonderful for sportswear, washable and always soft and pliable. Women's small, medium or large sizes. Price: \$1.00 a pair, 2 pair for \$1.90, postpaid.

NEW HOME THERMOMETER

ONLY 25c

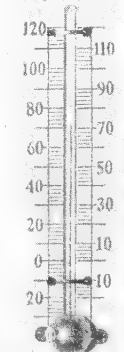
A dependable thermometer for indoor or outdoor use. Easy to read. Important to health and comfort. Overall size 8½x2¼ inches wide. Be your own Weather Bureau for the duration.

For postage
and packing
add 5c.



FARMER
BRAND
SEEDS.

Always Dependable



FARMER SEED &
NURSERY CO.
Faribault, Minn.

"HI-HUMUS" MOSS PEAT

For Better Gardens and Lawns

If you have trouble with your lawn, if your soil is light and sandy, or if it bakes hard because of clay, Moss Peat will come to the rescue.

Peat, because of its millions of tiny cells, is one of the best non-conductors of heat and cold known. A two-inch mulch of peat on top of the soil around the plant prevents killing of roots during both winter and summer. The peat mulch holds moisture, reduces the labor of weeding for several seasons, and makes the plot mellow for a lifetime.

2 oz. of Moss Peat can absorb 1 lb. of water. Use it around roses, shrubs, perennials, your window boxes, ferns and potted plants. One bag (about 3 bu.) will top dress about 400 to 500 square feet of soil. Inexpensive to use. Contains life-giving humus and nitrogen essential to plant growth—and is free from silt and weed seeds. Top-dress your lawn early in May. On heavy clay soil, work it in to a depth of 6 inches. (Descriptive circular free.)

PRICES: Peck (about 5 lbs.).....60c } Ppd. to
½ bu. (about 10 lbs.).....\$1.00 } 3rd Zone
1 bag (3 bu.—about 60 lbs.).....\$2.00 } Not
2 bags (6 bu.—about 120 lbs.).....\$3.75 } Ppd.

Peat Poultry Litter, same prices as above.

Newest Miracle-Working Chemicals For Your Garden!

TRANSPLANTONE



Amazing new HORMONE-Vitamin stimulant "does things" to more plants than B1 alone! Mix with water—apply to soil. Makes better lawn turf, plants, tree and seedling roots. Unbelievable results transplanting **VEGETABLES**—tomatoes start quickly—no wilting or setback. 50% more yield reported. 1 oz. makes 10 gallons transplant solution or 1,000 gals. watering solution. Free folder on request. 1/2-oz. pkt., postpaid, 25c. 3-oz. can, postpaid, \$1.00.

ROOTONE



Hormone Wonder Powder for seeds, cuttings, bulbs. Luxurious lawns, 2 weeks earlier—bigger, earlier flowers, garden crops! Seeds dusted with Rootone germinate faster, root deeper, make stronger, healthier seedlings. Cuttings dipped in Rootone speedily develop surprising roots. Free booklet on request. 2-oz. jar (treats 20 lbs. lawn seed) \$1.00. Pound \$5.00. Trial pkg. 25c. ppd.

AMAZE Your Friends! Use Vitamin B1 on PLANTS



Exciting results reported—5-inch rose buds, 6-ft. snapdragons, plants that fail to bloom, become a mass of color! Try MIN-A-VITE B1 on house plants, lawns, flowers. 1 tablet makes 2 1/2 gallons of solution. 20 tablets ppd. for 10c, 50 for 25c, 125 for 50c, 300 for \$1.00, 500 for \$1.50.



BLOOM LIFE

Helps Cut FLOWERS LIVE LONGER!

Retards wilting—keeps color and fragrance much longer even in steam-heated rooms. No need to change water or recut stems.

Liberal pkg. **10c**



—HYPONEX— COMPLETE BALANCED PLANT FOOD

Pre-War Formula: 7-6-19
VITAMIN B-1 ADDED

Ideal for Garden and House Plants and for **SOILLESS GARDENING**
Complete directions in each pkg.

WHEN YOU WATER YOUR PLANTS...FEED THEM

Give them Hyponex-and-water, a complete plant food that grows all kinds of vegetation in sand, soil or cinders. You will have stronger, bigger plants; more and larger flowers. Hyponex is a dry, odorless powder. One teaspoonful makes a gallon of plant food. Highly concentrated. Clean—safe—odorless. Easy to handle, will not burn foliage. Contains vitamin B1.
3 oz. can (makes 18 gal.)...25c
1 lb. can (makes 100 gal.)...\$1
Marvelous results on lawn grass, trees, shrubs, vegetables and flowers.

HYPONEX PLANT FOOD

THE ORIGINAL "THOMPSON'S" VITAMIN B-1-PELLETS AND-SHAKE-A-DROP BOTTLE



Add this vital growth factor to your regular garden routine and your flowers will respond amazingly with vigorous, new, healthy growth. Thompson's research laboratories made it easy to apply Vitamin B-1. Just dissolve pellet in Shake-A-Drop Bottle, shake into sprinkling can and apply. Fool-proof, no guess-work.

Box of 100 Pellets (makes 2,000 gals.), Shake-A-Drop Bottle and full directions, \$1.00.

Trial Box of 10 Pellets and Shake-A-Drop Bottle (makes 200 gals.), 25c.

FRUITONE

REG. U. S. PAT. OFF.

The Hormone Spray—stops pre-harvest drop of apples and fruits—hastens maturity and increases set. Will keep leaves and berries on shrubs and trees longer, and insures better setting of fruit. Aids pollination of flowers—keeps needles from falling off Christmas trees, or berries from holly wreaths.

Full directions with each package—be sure to try this modern miracle.
2-oz. can makes 25 gals. spray, \$1.00. 12-oz. can makes 150 gals. spray, \$5.00.



Magic GREEN FINGERS



Simply push Magic Green Finger into soil of potted plants, window box, or garden plants—and watch improved growth and beauty! Easiest way to apply Vitamin B1. Each Green Finger provides an average plant with B1 stimulant for 1 month! Attractive, colorful pkg. of 48 Magic Green Fingers, ppd. **35c**



Culturaid sticks

ORGANIC PLANT FOOD AND SOIL CONDITIONER

Wonderfully convenient way to fertilize house plants, window boxes and flower pots—just press odorless Culturaid Sticks into the soil and watch results! Nourishment is released gradually from organic material to promote balanced root and top growth. Special minerals provide a permanent column for ventilation of roots.

Cartons of 32 Culturaid Sticks...**PPD. 25c**

AVAILABLE ANALYSIS
Nitrogen.....5%
Phosphoric Acid. 10%
Potash.....5%

STIM U PLANT



Nationally Known

Plant Food Tablet

Contains
Vitamin B-1

VITAMIZE AS YOU SPRINKLE



No special nozzle—no extra attachments to buy! New, easy, quick way to vitimize lawn and garden. Grow gorgeous flowers, a luxuriant lawn that's the envy of the neighborhood!

NO MESS—NO BOTHER
Simply remove nozzle from garden hose, drop Vitamist Cartridge into the hose, replace nozzle and turn on water! One cartridge vitamizes 1,500 sq. ft.

Packed 30 cartridges in a box, enough to vitimize 1,500 sq. ft. once a week for 30 weeks.

Thirty Weeks' Supply: postpaid **\$1.00**

NEW HEALTH FOODS FROM FARM PRODUCTS



Superior Wheat Germ

Ready to Eat

Rich in Vitamins A, B, E, G and Organic Minerals—High in Protein and Wheat Germ Oil—Low in Starch

A general tonic food which tends to create new energy, revitalizes tissues and glands, builds up general health, physical and mental.

Processed to eliminate the toxic effect of raw wheat germ, preserving vitamins and minerals, preventing rancidity.

Take 1 to 5 tablespoonfuls daily—see what it will do for you. Delicious over cereal, fruit, or alone with milk or cream—sweetened with honey or maple syrup. A definite, perhaps sensational improvement in health, vitality and energy may result.

Price: One lb. 50c, three lbs. \$1.30, prepaid.

BETENE A FOOD FOR JOYOUS LIVING

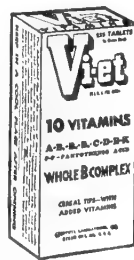
A tasty food drink—not a drug—but excellent for a reducing program. One tablespoon of Betene in a glass of fruit juice or skim milk makes a meal. This may be taken twice a day, eating only one regular meal. Betene has given buoyant aliveness to many.

Also beneficial to a building up program—taken after meals—with fruit or milk. Contains powdered egg yolk, wheat germ, calcium phosphate, powdered Soy, Agar-Agar and vitamin concentrates A, B, C, D, B2. Considered ideal for diabetic diet. Folder free. Price: 10-oz. pkg. \$1.50, 20-oz. pkg. \$2.50, prepaid.

Wild Rice



This northland delicacy adds zest to holiday meals in stuffing, roast chicken, turkey, etc., wild game, fish and fowl. Make new dishes year 'round: French fried wild rice, baked wild rice and giblets, goulash, meat loaf, dressing, wild rice chow mein and others. 20 recipes with order. A distinctive gift! Finest quality—long unbroken kernels. 12-oz. pkg. 60c, 3 for \$1.65, prepaid.



GRASS Newest Food for Man

The amazing new product recent magazines describe. Scientists found certain grass leaves properly processed, contained ALL known VITAMINS essential to human diet. NOW in one tablet: Vitamins A, B1, B6, C, D, E, G, K! This invaluable food helps prevent colds, constipation—builds health. A necessity for some—protection for all. FREE, detailed folder. Supplies vitamins, without calories, to those on reducing diets. 225 Vi-et tablets (month's supply), ppd., \$1.50. (Also called "Vigras.")

DITEX LAX FOR DIABETICS

A bulk laxative prepared especially for those on a starch and sugar restricted diet. This product is completely free from irritating roughage—contains Psyllium, Karaya and Brewer's Yeast. It is free from starch, and a dependable laxative for anyone to take. DiteX Lax has been carefully tested, and is the result of long months of experiments. Order this with a money-back guarantee if not satisfactory. Price: 4½-ounce bottle \$1.10, prepaid.



Garlic, Parsley (With Honey)

Of great medicinal value in treatment of acidity, high blood pressure, pneumonia, colds, coughs and kidney trouble. Get circular. Take teaspoonful daily. 4-oz. bottle \$1.00, 3 bottles, \$2.75, prepaid.

NEW! GARLIC & PARSLEY in Odorless—Tasteless Capsules

Get benefits described above in this pleasant, tasteless way. Each capsule contains concentrated clean fresh parsley and peeled garlic (moisture removed)—suspended in cold pressed Wheat Germ Oil. Suggested usage: 1 capsule before each meal. 70 capsules (3 to 4 weeks' supply), only \$1.00, postpaid.

PSYLLIUM—FOR YOUR HEALTH

Blond Psyllium is a natural aid in treating constipation. A safe, harmless, non-habit forming regulator. Supplies both bulk and lubrication needed for sufficient bowel action. It gives off a gelatinous oil which produces a mild, efficient intestinal lubrication. Price: 12-oz. pkg. 50c, 3 lbs. for \$1.25, 5 lbs., sufficient for two months' treatment, \$2.00, ppd.

DRINK



BEVASOY COFFEE SUBSTITUTE

New Alkaline Coffee Substitute. Delicious beverage made from soybeans—skillfully toasted and blended. Use like coffee. Contains no caffeine—does not cause sleepless nights nor irritate nerves or kidneys. All may enjoy it without harmful effects. Pound makes 100 cups. 1 lb. 40c, prepaid.

Soy Breakfast (Meat Cracks)

Alkaline Cereal and Meat Substitute made entirely from soy beans. Soy Cracks are gently steamed, ready to eat as a cereal. Rich in protein, low in starch. Fine for serving with Wheat Germ, using one tablespoonful of Soy Cracks with two or three tablespoonfuls Superior Wheat Germ, with milk or cream, fruit or cereal. Useful in diabetic diets.

May also be combined with other ingredients ordinarily used in making meat loaf or patties, omitting the meat. Price: 1 lb. 35c, 3 lbs. for 90c, prepaid.

Soy Bean Milk Powder

Most alkaline and digestible of all protein foods—free from starch. Excellent source of vitamins A, B, D, E, G; phosphorus, calcium and iron. Of special value in diabetic and low carbohydrate diets, stomach ulcers, colitis, etc. Builds endurance. 1 lb. 45c; 3 lbs., \$1.10, ppd.

Roasted Soy Nuts—FOR YOUNG AND OLD

The most delicious product of the Soy Bean. Highly nutritious, though practically non-fattening. High in calcium, phosphorus, iron and minerals. Has an alkaline effect—negligible in starch—easy to digest—an excellent food for young or old. Helps build strong bones, sound teeth and firm muscles—exceptionally good for children and a fine party treat. Price: 12-oz. pkg. 33c, 4 pkgs. for \$1.15, prepaid.

Pure Soy Bean Lecithin

An organic food of phosphorous compounds necessary for life and credited with increasing red corpuscles and haemoglobin of the blood. Considered a tonic in combating anemia and chlorosis. Ordinary diets contain too little of this necessary element. An insufficient supply results in lassitude—no pep—nervousness—insomnia and a half-alive feeling. Lecithin is helpful in stimulating mental effort, will power and in the growth of children, as well as quicker recovery of the sick. Box of 70 four-grain Lecithin capsules—use one or two per day—price \$1.00, ppd.

TIMELY PROTECTION for LAWN and TREES—SAVES MANY LOSSES

—ZOTOX—

KILLS CRAB GRASS

WITHOUT DESTROYING LAWN GRASS

Crab Grass is America's most troublesome lawn weed. It reseeds itself, each plant producing thousands of seeds in one season which germinate the following summer. It is most difficult to eradicate except through use of chemicals. Late summer is the best time to destroy it, before the lawn shows up this brownish wiry grass, difficult to cut.

Zotot not only kills the plant, but de-vitalizes the seed, checking reinfestation and is not toxic to the soil. It may discolor the turf temporarily, which, however, regains its natural color after a few days. This new discovery is gaining wide popularity. Send for special descriptive folder and order Zotot now to have it on hand. Price: 8-oz. size (for 5 gal. solution, treating 1,000 square feet) \$1.00, 16-oz. size for 10 gal. solution \$1.50, prepaid.

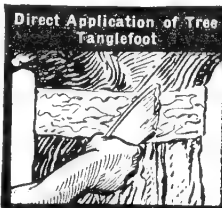
CYANOGAS, ANT KILLER — Special 4-oz. tin container. Simply shoot it in the nest and no more ant trouble. Price: 40c, prepaid.

TREE TANGLEFOOT



Protect your trees and vines from climbing insects by banding them with Tree Tanglefoot. Prevents destructive insects from reaching the upper part and destroying buds and foliage. It is easily applied with a wooden paddle and lasts for months. Won't soft-

en, run or melt, yet is always elastic and expands with growth of tree. Non-injurious, and used extensively by nurserymen and orchardists. Endorsed also by leading Tree Surgeons. Price: 6-oz. can 50c, 1-lb. can 90c, prepaid. — Not prepaid: 5-lb. can \$3.75, 10 lbs. \$7.00, 25-lb. pail \$15.00.



WHITE ELM TREE PROTECTORS
Veneer wood protectors to wrap around trees for protection against sun-scald and rodents. Packed flat, size 10x20 inches—50 for 95c, 100 for \$1.65, prepaid.

DAYTON TREE SAVER—Contains 18 ingredients beneficial to trees, medical oils to heal wounds and non-injurious acids to destroy fungi, insects and worms. It does not shrink but is light in weight, elastic and waterproof. Price: pint, 50c, quart 90c, not prepaid.

SULPHONOL RABBIT REPELLENT

Protects trees from rabbits and mice. Inexpensive to use. Keeps tree borers away and prevents sun scald. Mix with water and paint the trees two feet above snow line. "Sulphonol" is non-poisonous, and will remain effective throughout the winter. Cannot be applied with sprayer. One pound treats 20 trees. Price: 1 lb. 45c, prepaid.—Not prepaid, 35c per lb.

COPPER RODENT REPELLENT

Protects fruit trees and shrubbery from rabbits and mice. Costs less than 1c per tree. Rapidly applied by painting or with sprayer. Rabbits will not girdle a tree which is coated with this material.

Non-poisonous—offers all winter protection. Price: Qt. \$1.00, f. o. b. Faribault—(By express only.)

DAWG-GONE — KEEPS DOGS AWAY

A combination of rare chemicals releasing an odor very distasteful to dogs. Just hang tube on lower branch of tree, about 10 inches from the ground, with opening down. The slowly escaping odor will keep dogs away. 2 tubes 50c, 6 tubes \$1.40, ppd.

Important

Keep a copy of your order and check it when it arrives.

Write your name and address plainly.

Sending money. Postoffice money orders, bank drafts or express money orders are always safe. We prefer not to receive stamps. Never send cash in a letter unless registered. Doing so will be at your own risk.

Please do not send checks under \$1.00—send cash instead—carefully wrapped. Allow 10c exchange on all checks to cover charges by banks. We will include extra seeds to adjust.

Our Guarantee

We sell dependable, carefully tested seeds. Should failure result from the fault of the seeds we will refund your money.

Seeds, trees, bulbs and plants are subject to climatic conditions over which we have no control. Therefore, we will not be responsible for the crop, or for more than the price paid. In case of error prompt adjustments will be made.

Parcel Post Rates

Packages weighing 70 pounds can be sent to all zones. Ten pounds or more beyond the 5th zone usually go cheaper by express.

Zone	Distance up to	For First Pound	Each Pound, Additional
1st & 2nd	150 miles	8c	1c
3rd	150-300 miles	9c	2c
4th	300-600 miles	10c	4c
5th	600-1,000 miles	11c	6c
6th	1,000-1,400 miles	12c	7c
7th	1,400-1,800 miles	14c	9c
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FREIGHT AND EXPRESS SHIPMENTS. State whether you want freight or express shipment made. If yours is a prepaid station, full transportation charges must be sent with the order.

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POTATOES, ONIONS, BULBS, PLANTS AND NURSERY STOCK are shipped when weather conditions permit, and customers are then notified of shipments. Should a shipment reach you in bad condition, notify us at once. Have agent make notations on your receipt. If yours is a prepaid station, full transportation charges must be sent with the order.

C. O. D. Service

For your convenience we offer to ship garden seeds, flower seeds, or light weight shipments C. O. D. Simply pay the postman or express company the amount due, on delivery, plus a small charge for returning the remittance. For farm seeds or perishable articles such as potatoes, bulbs, nursery stock, or heavy bulk shipments, send at least 25% of the amount due with the order.

BEFORE MAILING—LOOK AGAIN— Does the amount of your remittance correspond with the amount of your order? Have you signed the order and is your name and address on the envelope? Then be sure to seal the envelope.

Help us to correct our mailing list.

If you received more than one catalog—or if several members of your family received one or more catalogs—will you please tell us what names or initials they were addressed to, and give correct name or initials of the head of your family? A post card will do. For your trouble, we will be glad to send flower seed novelties—and many thanks. New names will also be appreciated.

Free flower seed novelties in exchange.

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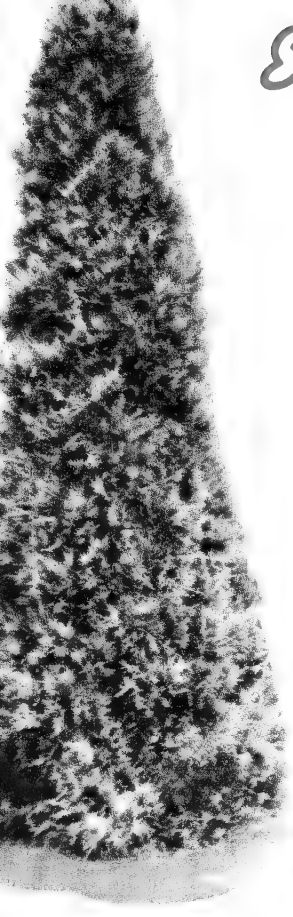
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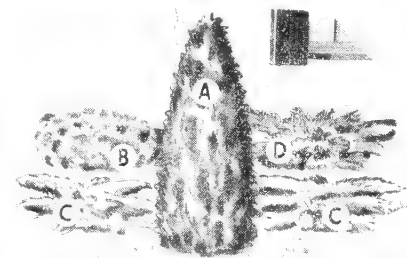
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Vitae



Silver Cedar



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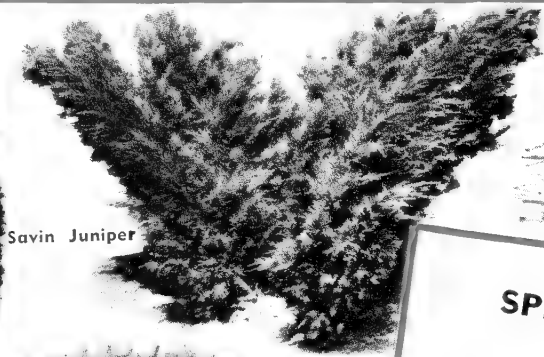


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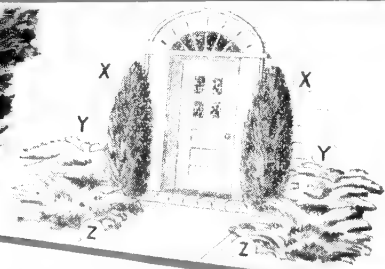
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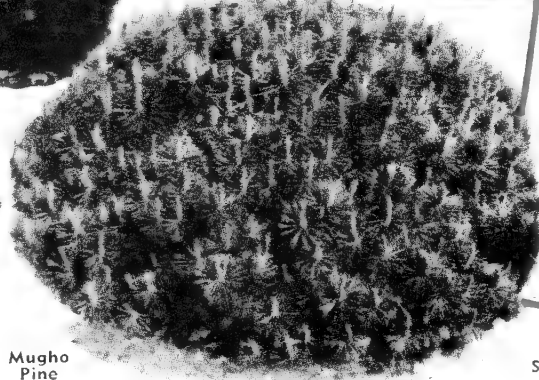
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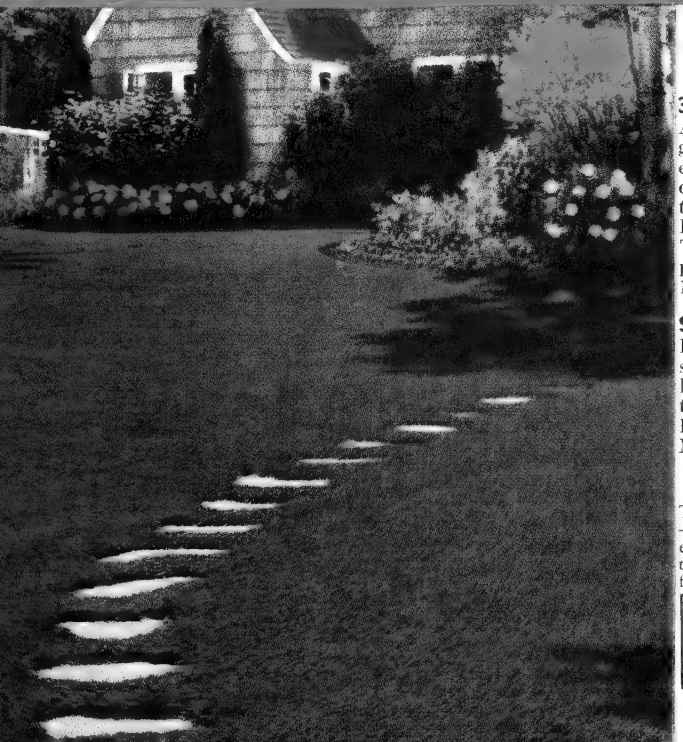
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on page 35



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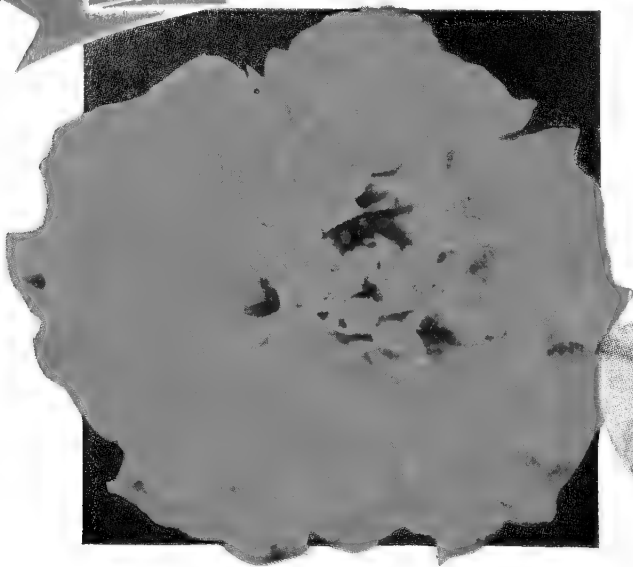
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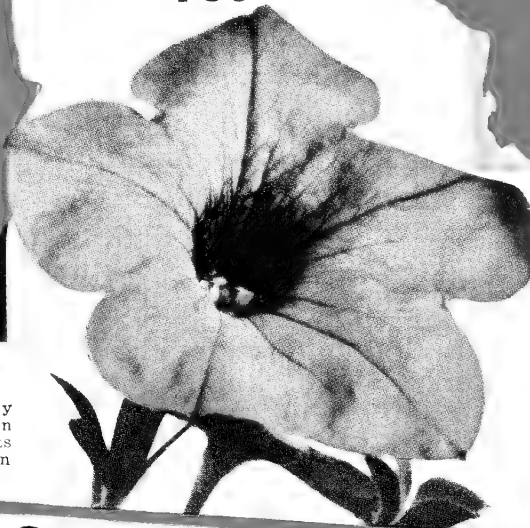
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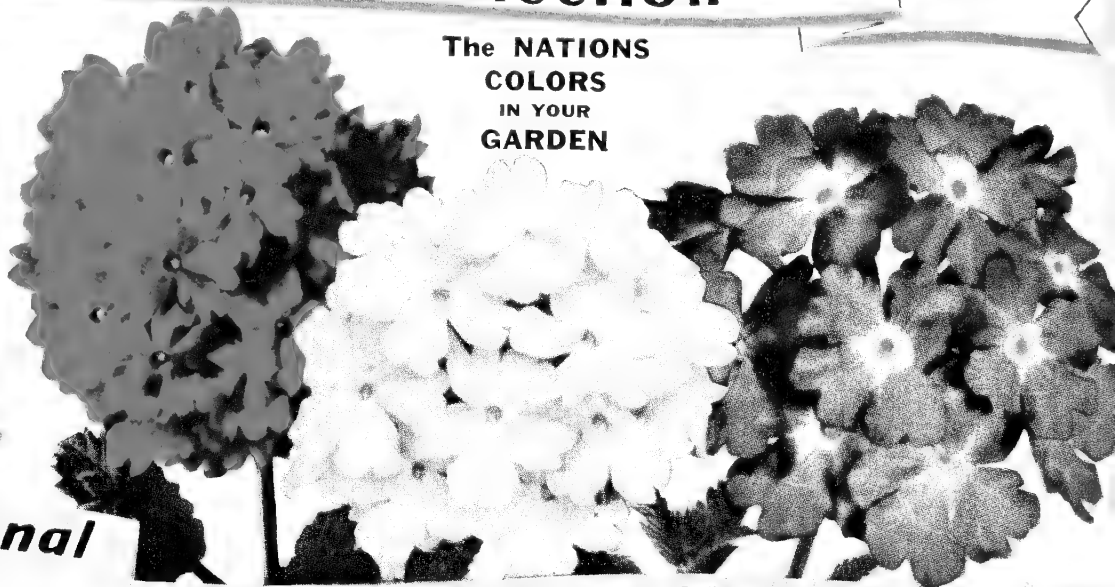
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Name Your Railway (or Truck Line).....

OUR TERMS: Cash with order. Drafts, money orders or express orders are safe; when cash is sent in letter, register or insure the same, else we cannot be responsible. We prefer not to accept stamps. Send cash, carefully wrapped, for small amounts. The results from seeds, trees, bulbs or plants are subject to climatic conditions over which we have no control. Therefore we will not be responsible for the crop or for more than the price paid.

[illegible]

Have you included postage to cover items not prepaid?

Please list nursery items separately after seed items.

A FEW GOOD NAMES OF FRIENDS INTERESTED IN OUR ANNUAL WILL BE APPRECIATED.

Form 6001

POST OFFICE DEPARTMENT
THIRD ASSISTANT POSTMASTER GENERAL
DIVISION OF MONEY ORDERS

No. _____

Stamp of Issuing Office

FEE _____

The Postmaster
will insert

here _____
the office drawn on, when the office
named by the remitter does not trans-
act money-order business.

Spaces above this line are for the Postmaster's record, to be filled in by him

Application for Domestic Money Order

Spaces below to be filled in by purchaser, or, if necessary,
by another person for him

Amount—

USE FIGURES,

DO NOT SPELL

Dollars _____

Cents _____

FARMER SEED & NURSERY CO.

To be
paid to }

(Name of person or firm for whom order is intended)

Whose
address }

is

City
and
State }

FARIBAULT

MINNESOTA

Street _____

Sent by _____

(Name of sender)

City
and
State }

Street _____

PURCHASER MUST SEND ORDER AND COUPON TO PAYEE

(FOR FEES SEE OTHER SIDE)

c16—8391

DO NOT RISK MONEY OR STAMPS IN ORDINARY MAIL—BUY A MONEY ORDER

FOR SPEED—Send your money order AIR MAIL special delivery

Fees for Money Orders Drawn on Domestic Form

Payable in the United States, including Hawaii, Puerto Rico, and the United States Virgin Islands, or in Guam and Tutuila (Samoa); also for orders payable in Antigua, Bahamas, Barbados, Bermuda, British Guiana, British Honduras, British Virgin Islands, Canada, Canal Zone, Cuba, Dominica, Grenada, Jamaica, Montserrat, Nevis, Newfoundland, Philippine Islands, St. Kitts, St. Lucia, St. Vincent, and Trinidad and Tobago.

For Orders	From \$0.01 to \$2.50	6 cents.
	From \$2.51 to \$5.00	8 cents.
	From \$5.01 to \$10.00	11 cents.
	From \$10.01 to \$20.00	13 cents.
	From \$20.01 to \$40.00	15 cents.
	From \$40.01 to \$60.00	18 cents.
	From \$60.01 to \$80.00	20 cents.
	From \$80.01 to \$100.00	22 cents.

Memoranda of Issuing Postmaster:

If order is purchased through Rural Carrier, he will fill spaces below:

Carrier's receipt No. _____

_____, Carrier.

NOTE.—The maximum amount for which a single Money Order may be issued is \$100. When a larger sum is to be sent additional Orders must be obtained. Any number of Orders may be drawn on any Money Order office on any one day.

Applications must be preserved at the office of issue for three years from date of issue.

RADISH

No. 531—Firecracker

Acclaimed by hundreds of our customers as the finest radish grown! Long and slender, vivid scarlet in color, and although very early, it remains crisp and tender longer than any other sort.

Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c. Prepaid.

(See page 22.)

CELUTCE

No. 190

New Vegetable from Far-Off Western China. Grows quickly from seed. The light green rosettes of young leaves make delicious salads. Central stalk ready for use in less than 90 days. May be eaten raw or cooked. Flavor is mild and delicious. (Recipes on packet.)

Pkt. 15c, $\frac{1}{2}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.00.

Prepaid. (See page 9.)

LETTUCE

No. 324—Oakleaf

A novel salad lettuce of superb quality. Shaped like an oak leaf, deep green color, exceptionally rich in vitamins, tender and of superior flavor. Stands up well in hot weather, never turns bitter.

Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c. Prepaid. (See page 13.)

CARROT

No. 176—Streamliner

A modern bunching carrot of such handsome proportions that it has become a leading profit maker. Roots, slender and cylindrical, 10 inches long; color deep orange with small red core.

Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.10.

Prepaid. (See page 7.)

SWEET CORN

Minhybrid 202

Five days earlier than normal Bantam, but surpassing it in both quality and yield. Produces 15,000 marketable ears per acre. Extra tender, with high sugar content.

Pkt. 10c, $\frac{1}{2}$ lb. 25c, lb. 45c. Prepaid. (See page 10.)

CUCUMBER

No. 255—F. S. & N. Earliest Pickling

The finest pickling strain. Early, vigorous and highly productive. Quality is unsurpassed. Straight, smooth, symmetrical, of dark green color, 6 in. long when full grown.

Pkt. 8c, oz. 15c, $\frac{1}{4}$ lb. 50c. Prepaid. (See page 12.)

TOMATO

No. 621—Jubilee

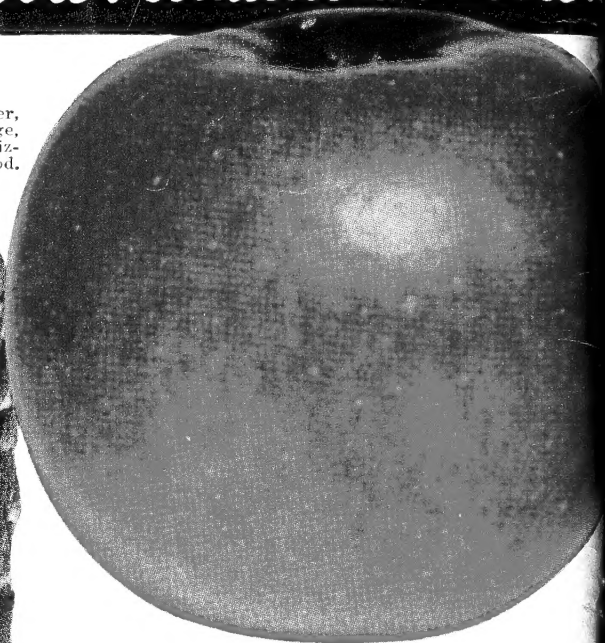
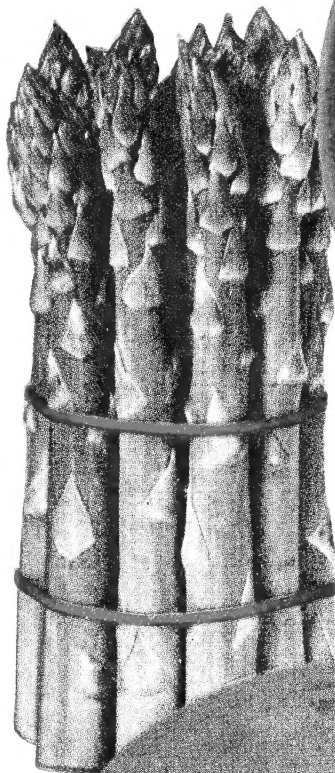
A 1943 All-America Medal Winner. Beautiful rich tangerine-orange flesh with yellow skin. Quality and flavor compares with best Red varieties. Of medium size, smooth, solid, free from cracking, thick walls and few seeds.

Pkt. 15c, $\frac{1}{2}$ oz. 40c, oz. 65c. Prepaid. (See page 25.)

"All Out" Food Production Booster

NEW PARADISE ASPARAGUS

Heavy crops in one year. Earlier, bigger cropper—finer quality, large, crisp, tender stalks. Most appetizing mild flavor. 50 roots \$1.00 ppd. (page 27).



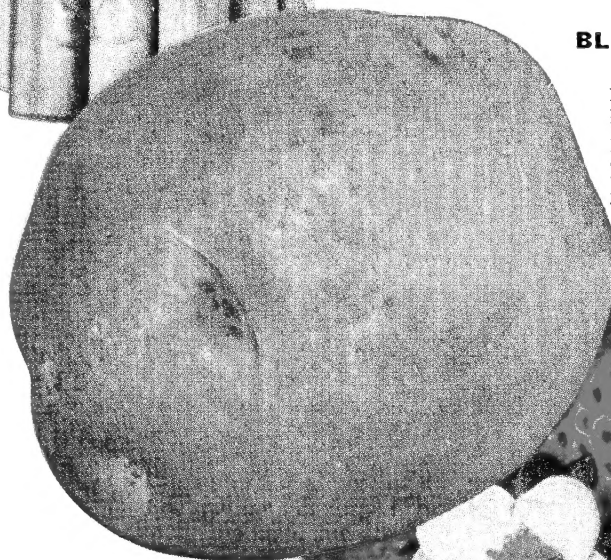
NEW PRAIRIE SPY APPLE

Minn. Exp. Station's "Wonder Apple"!

At last, a crisp, juicy, delicious flavored, bright red apple—that keeps in perfect condition 5 to 6 months! Not hard and acid like other long keeping winter apples. Super hardy. Acclaimed the finest apple in U.S.A.! (Page 32). Large 5 to 7 ft. trees by express nppd: 85c.

NEW SEBAGO BLIGHT RESISTANT POTATO

Beat the blight that ruined thousands of bushels of 1942 crop! Medium late—good cooker—a sound, white potato. A cross of Chipewa and Katahdin. (See page 21).



WAYZATA EVERBEARING STRAWBERRY

Greatest market Everbearer—gives you super quality, big red berries from June to first hard frost. (Page 29). 25 plants \$1.50 post-paid.



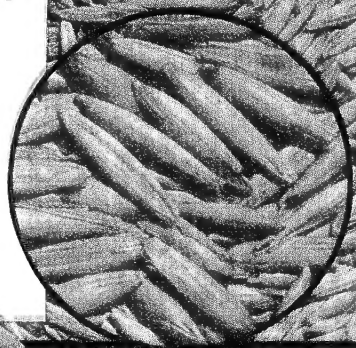
NEW BIWING FLAX

Minn. Exp. Station's New Wonder Flax—a cross of Red Wing and Bison. Inherits best features of both: large seed, high oil content and wilt resistance of Bison, and oil drying quality, rust resistance, high yield and light blue flower of Red Wing. Approved by U. S. Flax Institute. Pg. 71.



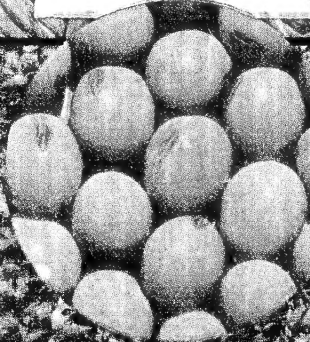
NEW VICLAND OATS

50% bigger yield in hundreds of tests by Wisconsin Exp. Station! New early yellow oats released by U. S. Dept. of Agr. High test-weight. Rust and smut resistant. Approved by American Society of Agronomy. See page 67.



NEW RICHLAND SOY BEANS

From Purdue Exp. Station. Matures with Habaro (105 days). High yield—early maturity—stubborn standing ability—ideal for the North. It's the outstanding oil mill variety—preferred over all others by processing mills. See page 72.



FARMER SEED & NURSERY COMPANY 194
FARIBAUT, MINNESOTA